# marantz®

THE COMPLETE RANGE 2011-2012

Empowered
with emotion
for supreme
satisfaction

because music matters

# Marantz

## a journey of love and devotion

It all started in 1948 when CBS introduced the first LP records, sparking the public's interest in quality music reproduction. One of those who was swept along was music lover, freelance graphic artist and amateur musician: Saul Bernard Marantz, a native New Yorker born in 1911. While he loved his LPs, he was deeply unhappy with the playback equipment available at the time, so he spent many hours in his basement designing, constructing and reconstructing his own amplifiers to play his cherished LPs. Four years later he had perfected a revolutionary pre-amplifier – equipped with every equalizer curve he could find to handle the then erratic recording characteristics. He called it the 'Audio Consolette' and it made such a powerful impression on anyone who heard it perform that he decided to make and sell 100 sets. Less than 12 months later, more than 400 had been sold and the Marantz company had been established.

Today, that same passion for perfection and devotion to music are the defining factors of the Marantz company. Almost 60 years after its birth, Marantz design engineers are still pushing the boundaries of technical excellence. Because at Marantz, technical excellence is a journey – not a destination. Each new incremental breakthrough is celebrated by everyone. Because each new step takes us closer and closer to reproducing music exactly how the original artist intended. It's a journey we are proud to travel. No matter where it takes us.

Because music matters.

marantz®

because music matters

because we

# understand music

## THE COMPLETE RANGE

Sit back, strap yourself in, and be prepared to get blown away. The following pages are about to reveal the new Marantz Range 2011/2012 – a seriously inspired selection of exquisite audio-visual components. Conceived, developed and perfected to flood your senses with the ultimate in listening and viewing pleasure. This year we have raised the bar like never before – to help you reach new intoxicating heights of audio and video ecstasy. For example, in addition to the award-winning Marantz Premium products with the new Limited Edition 15-Series in Black, we introduce four new AV Receivers, three of which incorporate the latest network connectivity for audio streaming and Internet radio, as well as AirPlay from your iPhone, iPad or iPod. We also introduce two universal Blu-ray Disc players offering breath-taking HD audio/video, not only from Blu-ray Discs but also streamed from your network. They offer direct access to YouTube, and, since they both have HDMI 1.4 ports, they will also play spectacular 3D video. On top of that, this year's Marantz range includes the successors to the "What HiFi?" award-winning integrated amplifier and CD player, as well as a whole range of network audio systems for new media playback and network streaming – all of which can be controlled effortlessly by the new Marantz App 'Wizz'. It's all here, waiting to be discovered by you. Being an audiophile just gets better, and better, and better.

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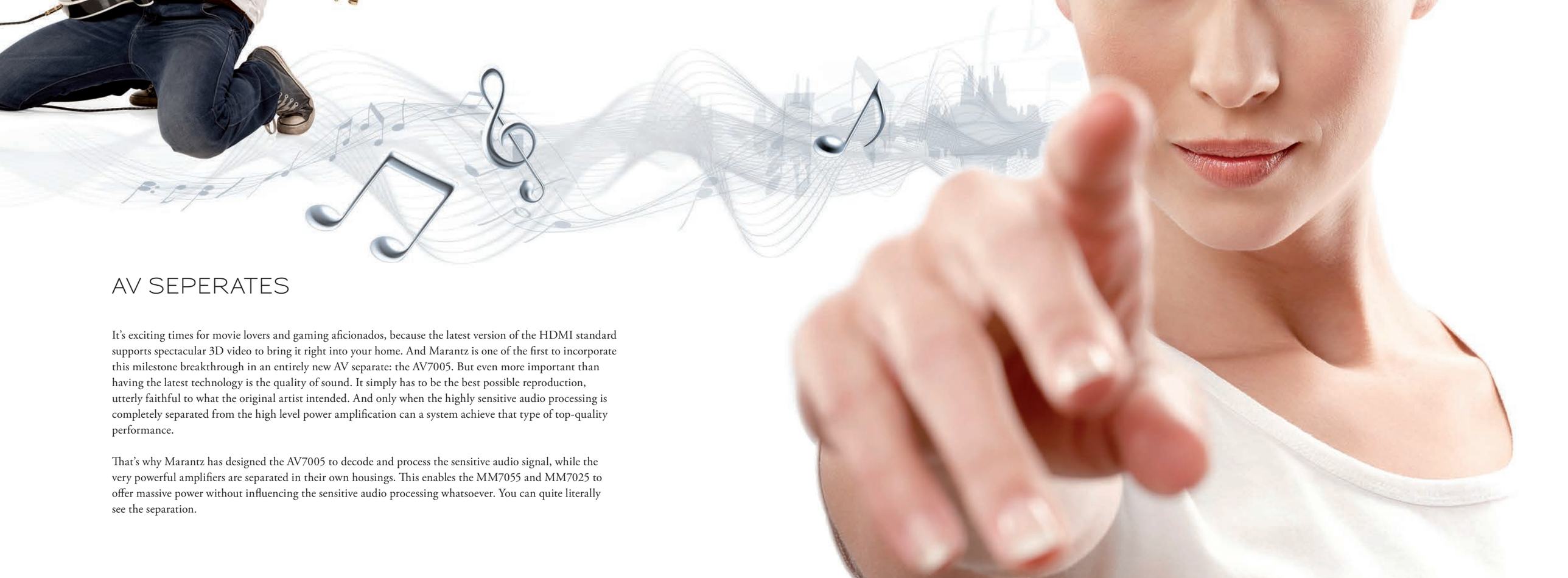
because we

# live music



## AV SEPERATES

It's exciting times for movie lovers and gaming aficionados, because the latest version of the HDMI standard supports spectacular 3D video to bring it right into your home. And Marantz is one of the first to incorporate this milestone breakthrough in an entirely new AV separate: the AV7005. But even more important than having the latest technology is the quality of sound. It simply has to be the best possible reproduction, utterly faithful to what the original artist intended. And only when the highly sensitive audio processing is completely separated from the high level power amplification can a system achieve that type of top-quality performance.

That's why Marantz has designed the AV7005 to decode and process the sensitive audio signal, while the very powerful amplifiers are separated in their own housings. This enables the MM7055 and MM7025 to offer massive power without influencing the sensitive audio processing whatsoever. You can quite literally see the separation.

# AV seperates

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## AV7005

### MULTICHANNEL AV PRE-AMPLIFIER

New to this year's AV7005 is its extreme versatility to stream music from almost any network device including your PC, Internet radio, or AirPlay (via upgrade) from iTunes using your iPhone, iPad or iPod. Superb quality is assured because all audio signals are fed into the Digital Signal Processor (DSP) via its own unique a path. This ensures that all channels are kept completely separate and that there is no chance of interfering 'channel crosstalk'. In addition, the 7.2 channel AV7005 further enhances audio quality by delicately handling all signals via the Marantz-own HDAMs before being passed to the XLR outputs and separate power amp. Alternatively, you can route your chosen audio signals via any of the six HDMI 1.4 inputs, one of which is located behind the front cover flap for easy access. Here you can also find the iPod-digital-compatible USB input and a second double line display, which complements the famous circular Marantz display with additional detailed information. The AV7005 also takes supreme care of 3D video signals, even in stand-by mode, and sends them to the two HDMI 1.4a output sockets. There is even a Phono MM input – ideal for those precious vinyls. It supports all the latest sound formats, including Audyssey DSX by using the 32-Bit SHARC DSP from Analog Devices and ensures set-up is quick and easy via the MultEQ XT auto-calibration. It's all there, just waiting to perform.

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## MM7055

### MULTICHANNEL MAIN AMPLIFIER

As your multichannel option for main amplifier in this year's collection, the MM7055 delivers a thumping 140W rms into 8 ohm for each of the five channels, while the ultra-wide bandwidth current feedback technology easily handles the highest SACD frequencies – this also makes it ideal for the high-definition DTS Master Audio and Dolby TrueHD formats. The result? Total precision in tonal and image balance, speed and dynamics. In addition, you also get XLR audio inputs, DC triggers and a Marantz control bus system for remote on/off. There's even a stylish new display screen showing the actual output power. This is power combined with convenience like never before.

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## MM7025

### STEREO MAIN AMPLIFIER

This year's stereo main amplifier also produces a whopping 140W rms into 8 ohm per channel. Perfect to give your front channels an earth-moving boost or simply to make a sensational upgrade to an existing stereo system. And, because it incorporates the same technology as the five-channel MM7055, you can easily use them in combination. It's a great flexible customisation enabler. And, just like its big brother, the MM7055, it also includes a new stylish display, XLR inputs, DC triggers and a Marantz control bus system.

# because we
# love music

## AV RECEIVERS AND BLU-RAY PLAYERS

This year's collection of Marantz AV Receivers has also been given highly versatile network functionality. Now you can stream your music files from your PC, tune into any of the thousands of mainstream and specialist Internet radio stations, as well as use AirPlay for streaming audio from iTunes or your iPhone, iPad or iPod. What's more, you can use the highly-rated Marantz App Wizz, for perfect AV Receiver control via your iPhone, iPad or iPod touch. The on-screen information will be shown in overlay, which means the movie will still be visible while you get the information about volume, source, surround mode, and more. And, as you would expect, the latest version of the HDMI standard is incorporated in this year's collection of Marantz AV Receivers. The result? Sublime sound, stunning vision.

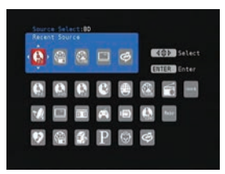
In addition, this year's Universal Blu-ray players have also been extended with network functionality. Not only to support BD-Live, but also audio and video streaming from the Internet or PC network. That's because they are DLNA 1.5 certified. So you can enjoy spectacular Blu-ray clarity and truly exceptional audio quality from even more sources. They also support 3D video, and will directly connect to YouTube to give you immediate access to billions of short films and movies. Add to that their universal compatibility with BD, DVD, and CD you are guaranteed the very best audio quality of each format. They even produce the finest of details from high-resolution Super Audio CDs. It's all there: top-quality audio, extreme versatility, and HD video with unbelievable resolution, razor-sharp lines and intense colours. All you have to do now is let yourself get carried away to AV heaven.

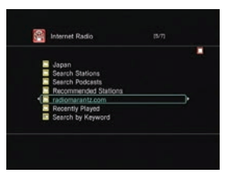
# AV receivers & Blu-Ray players

## SR7005
### AV RECEIVER

Now you can take advantage of the SR7005's excellent performance for all your music sources. That's because it has an iPod-digital-compatible USB input and a RJ45 network jack. Which means you can connect your SR7005 to your vTuner Internet radio, AirPlay (via upgrade) for iTunes, as well as music services such as Napster and Last.fm. You can even access your music library stored on your PC. Classical analogue signals can also be played via the built-in FM tuner or the analogue input jacks, or via the Phono equalizer. Moreover, video signals are also treated with extra loving care via ABT2015 video processing, a host of video adjustment possibilities and two HDMI 1.4 outputs that support 3D video. The SR7005 AV Receiver reproduces exceptional quality audio because it keeps cross-channel contamination to an absolute minimum for ultra-precise signal processing. The "muscle" of the system (7x 125W into 8 ohm) comes from the current feedback circuitry with Marantz HDAMs and an oversized low impedance transformer for rapid current supply. Not even extreme demands for power will pull this receiver off-balance. The "brain" of the system is the latest 400Mhz SHARC DSP, which easily handles HD audio decoding, including the Audyssey DSX and the MultEQ XT room calibration. The source signal can be either digital or analogue, and it can also come from a wide variety of inputs. First of all via the six HDMI 1.4 inputs, one of which is located behind the front cover flap for easy access. In addition, it includes the Marantz Wizz App for bi-directional control via your iPhone, iPad or iPod. It's all there for you, waiting and eager to please.

NETWORK GRAPHIC USER INTERFACE



## SR6006
### AV RECEIVER

With the famous Marantz circular display, the new SR6006 looks a lot like its big brother – the SR7005. But the resemblance doesn't stop there. For example, it has the same networking facilities for audio streaming, Internet radio, and AirPlay from your iPhone, iPad or iPod. There's also a highly convenient HDMI on the front, and two more on the rear for simultaneous output. And, also like its brother, it has an iPod-digital-compatible USB input and a Phono MM input for vinyl fans. But it's not all about versatility, the SR6006 is also powerful: 7x 110W rms to be exact.
And, because the digital audio signal (up to Dolby TrueHD and DTS-HD) is fed via one of the seven 3D video-supporting HDMI 1.4 inputs, the resulting audio quality is utterly breath-taking. Such high-quality audio processing also helps to create a world-class cinematic experience. An experience that is further enhanced by the system's Dynamic Volume Control, which avoids the irritating increase in TV volume when a commercial interrupts. Also, the video up-scaling of analogue and digital video signals up to 1080p means you won't need to select the TV input every time you use a different source: once it is set up, the SR6006 automatically makes the right connection. In addition, calibration and optimisation are also quick and easy with the Audyssey MultEQ XT, Setup Wizard and intuitive graphics.
Pure enjoyment has never been easier.

## M-XPORT
### MARANTZ EXPANSION PORT

The Marantz eXpansion Port is a great little device for getting even more out of your Marantz receiver. It is a dedicated 9-pin connector on the rear side of our products and can be used to connect dedicated devices such as a network client, DAB Tuner module, iPod dock, or others. Currently, only the RX101 Bluetooth Receiver is available, but further devices will follow.

# SR5006

## AV RECEIVER

The SR5006 also features the famous Marantz circular display, and it has the same networking facilities for audio streaming, Internet radio, and AirPlay from your iPhone, iPad or iPod. It also includes decoders for standard audio as well as for Dolby TrueHD and DTS-HD Master Audio. And, it comes with no less than six HDMI 1.4 inputs – making it immediately ready for 3D video and ARC (Audio Return Channel) from ARC-compatible TV sets. It easily handles the most demanding of scenes in action films, as well as offering excellent-quality music playback, thanks to the latest Marantz audio technologies. To ensure you get the best possible audio with compressed files from iPod via USB, the SR5006 offers 7x 100W rms and incorporates the M-DAX2 – Marantz Dynamic Expander version2. This neat little addition also optimises the quality of MP3 files from either CD or the optional Bluetooth Receiver RX101. Everything sounds clearer, more detailed, and more alive. To finish off, the SR5006 comes with a whole range of convenience features such as: Setup Wizard, "auto calibration" with Audyssey MultiEQ and Dynamic Volume Control; "Multi-Room" with multi-source flexibility; and "video-off" mode to ensure you enjoy your music and your movies in true dynamic Marantz style. It also has the specially developed Marantz Wizz App for bi-directional control via your iPhone, iPad or iPod. All of which makes the SR5006 a true combination of style, power and ease.

### ANY FILE POSSIBLE

The new AV-Receivers (AV7005, SR7005, SR6006, SR5006 & NR1602) all feature network connections – so you can enjoy almost any file from almost any device. They offer full audio streaming capabilities thanks to the built-in digital media player, so it can decode music files stored on your PC or external storage unit streamed via the network. Almost any file is possible including MP3, WMA, FLAC & AAC. All will be handled with the best possible quality, thanks to built-in excellent audio processing engines and the Marantz Digital Audio Expander M-DAX for compressed audio. They are also ready for the vTuner Internet radio platform, as well as services such as Napster on-demand music streaming.

# NR1602

## SLIM DESIGN AV RECEIVER

It's amazing but true. Some people (or more likely their partners) just don't want powerful big boxes in their living room. So Marantz created a slim-line AV Receiver. But don't let appearances deceive you, this super-slim model packs the same punch as its bigger brothers, delivering ear-cracking seven channel surround sound from its 7x 50W rms output. It also boasts the same networking facilities for audio streaming, Internet radio, AirPlay from your iPhone, iPad or iPod, as well as incorporating an iPod-digital-compatible USB input and an M-DAX2 to make the very most of sound quality from compressed audio. On the video side, the four HDMI 1.4 inputs all support 3D video and ARC (Audio Return Channel) from ARC-compatible TV sets, while all analogue video signals are converted to HDMI level including I/P conversion. In addition, set-up is easy - with the help of the Setup Wizard, Audyssey MultEQ and Microphone – so there's is no need to study the manual, just follow the on-screen instructions. It all adds up to easy-to-use slim-line elegance with a powerful punch. What more could you ask for?

# NR1402

## SLIM DESIGN AV RECEIVER

As a five-channel slim-line AV Receiver, the NR1402 also offers a host of connectivity options. Fans of portable media players like iPods will love the front audio input for easy connection. The 5x 50W output can be used for a simple stereo set-up but is also powerful enough to run a full 5.1 system, creating spectacular surround sound and converting your living room into a sensational cinema. If your demand is even higher, the system can be extended to a 7.1 system via the pre-out for surround back speakers. You will also be pleased about the easy set-up - with the help of the Setup Wizard, Audyssey MultEQ and Microphone there is no need to study the manual, just follow the on-screen instructions. In addition, the NR1402 has separate on-board decoders for both standard and high-definition audio such as DTS-HD and Dolby TrueHD, while its four HDMI 1.4 inputs handle a multitude of digital sources, so you can easily hook-up your satellite box, BD/DVD player, game console and camcorder… all at the same time. All with just one HDMI cable connected to your screen. It all adds up to fabulous sound, great video quality and elegant slim-line appearance.

# AV receivers & Blu-Ray players

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## UD7006

### UNIVERSAL BLU-RAY HD PLAYER

Enjoy fabulous quality Blu-ray video and then stream audio and video files (incl. DivX plus HD files) from your home network or Internet. The UD7006 can give you this universality because it's not only a Blu-ray player offering the full BD-Live specification, it is also DLNA 1.5-certified, and soon a software update will be available to give you immediate access to YouTube. To ensure the best of audio quality, it includes a special decoder for HD sound formats and uses a 32-Bit audio DAC with 7.1 analogue channel-out. The audio stage uses specially customized components and the unit can even play the high-resolution SACDs via the fast loading mechanism. Standard DVDs get a quality boost too – thanks to Anchor Bay's ABT 2015 VRS™ video processing, which outputs 1080p from standard material via the HDMI 1.4 port, as well as supporting 3D video content. But as with all Marantz players, musicality reigns supreme so you won't be surprized when you find a "Pure Direct" mode, to ensure the best possible performance from CDs.

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## UD5005

### UNIVERSAL BLU-RAY HD PLAYER

What would you say to having the legendary Marantz quality in an exceptional value-for-money Blu-ray Disc player? We said 'Yes', and the result is the UD5005. Not only does it reproduce all the delicate audio details from SACDs, its superb 24fps Blu-ray quality comes with BD-Live and DLNA 1.5 specifications. You can also enjoy your latest music and video downloads from your PC. What's more, a special software update will soon be available to bring you direct YouTube access to this player. The video streaming supports DivX plus HD and guarantees playback of DivX (.avi and .divx) and DivX Plus (.mkv). While the quick response mechanism will play Blu-ray, DVD, DVD-A, SACD, and CD. What's more, it is compatible with MP3 and WMA files and lots, lots more formats. The UD5005 also includes a stereo output for signals from CDs or down-mixed DVD and Blu-ray sound, while the HD audio sound is streamed via the HDMI 1.4 output – which supports 3D video content. And all for a very encouraging price.

because we

# treasure music

# MELODY SERIES

Marantz is proud to introduce a comprehensive range of elegant, self-contained systems: the Melody Series. Melody is defined as “a rhythmical succession of single tones to produce a distinct musical phrase or idea”, hence the name Melody Series – a succession of single systems that express a distinct affinity with fine music, excellent design and extraordinary simplicity. All you need to do is sit back and enjoy. Marantz created three systems to answer customer-specific needs: Melody Movie, Melody Media and Melody Music.
The following pages give you a taste of what’s possible. It’s delicious.

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# MELODY MOVIE

## BD RECEIVER M-ER803

70W X 2ch · Blu-ray Disc · BD LIVE · Compact Disc Digital Audio · MP3 · RDS Radio Data System · HDMI 1080P Upscaling · Built for iPod iPhone · M-XPORT Input · DVD Audio/Video

The Melody Movie is a high-quality Blu-ray receiver… and so much more. That's because it entertains in so many ways. In addition to playing Blu-ray discs, it plays CDs and DVDs – all with the finest of details faithfully reproduced. You can also plug-in your iPod via USB, or even your mobile phone or PC – via the optional Bluetooth connection RX101. Stereo FM/AM RDS? No problem, The Melody Movie is also a tuner. But most importantly, whatever the source, get prepared to be fascinated, shocked and seduced. Use it as a 2.1 BD Receiver by connecting just two loudspeakers directly, or with an additional subwoofer in a satellite system. As you'd expect, BD-picture quality is great, also from DVDs, since Melody Movie up-scales them to 1080p HD resolution. Sound quality also gets the supreme treatment with a digital amplifier that delivers 2x 70W, and an advanced smart signal processing system. In addition, with Dolby Virtual Speakers, you can experience all-enveloping surround sound from just two speakers. This is big, big entertainment from a very compact and well-designed box.

Melody MOVIE

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# MELODY SPEAKER

## LOUDSPEAKER M-LS502

This high-quality loudspeaker in glossy piano-black finish is the perfect partner for any of the Melody Series systems. That's because the power handling, frequency range and connectivity are all optimised for this product line. That's why this loudspeaker is available only in combination with the Melody Series products. The crossover is equipped with specially selected components and the bi-wiring terminal makes full use of the Melody Music and Melody Media's bi-amping functionality. The cabinet is made from solid, rigid MDF and the side panels are gently curved, for that extra elegant appearance, while the piano-black finishing perfectly suits the high-gloss design of Melody Movie.

Melody SERIES

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# MELODY MEDIA

## CD RECEIVER WITH DAB+ AND INTERNET RADIO M-CR603

60W X 2ch · Compact Disc Digital Audio · PC Audio Streaming · vTuner · DAB+ · RDS Radio Data System · Built for iPod iPhone · M-XPORT Input · Compatible with Windows 7 · AirPlay

The Melody Media is not only a good-looking, good-sounding CD Receiver, it also gives you effortless access to a myriad of different music sources. Firstly, it gives you high-quality playback of CD content as well as MP3 and WMA files from CD-R/RW. And as it is a receiver, a radio is built-in and you can select analogue FM radio with RDS or take advantage of digital radio broadcasting DAB and DAB+, which offer superior sound quality and supplementary information. The USB port is iPod-digital-compatible and is "Works with iPhone" certified. But it doesn't stop there: you can also connect the Melody Media to the Internet or your PC via the Ethernet input on the back. The DLNA 1.5-certified Melody Media plays thousands of free-of-charge Internet radio stations from all over the world via vTuner, or why not enjoy the online music service Napster. You can even access your own music library on your PC. And to top it the Media also supports AirPlay (via upgrade) and control via the Marantz Wizz App. Whatever you want, the powerful 60W rms x2ch plays music loud and clear… and effortlessly, because the large display makes operation easy. The Melody Media has it all.

Melody MEDIA

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# MELODY MUSIC

## CD RECEIVER M-CR503

60W X 2ch · RDS Radio Data System · Compact Disc Digital Audio · CD-R/RW Compatible · MP3 · Built for Windows Media · A-B · Built for iPod iPhone · M-XPORT Input · Bluetooth

If you're looking for a compact all-in-one music player that looks as great as it sounds, then look no further. The Marantz high-quality lifestyle CD Receiver Melody Music will dazzle you in both look and feel as well as in audio reproduction. Inside the stylish aluminium cabinet, finished with a high-gloss black cover, the Melody Music has the technology to play all your digital music as well as your favourite FM radio stations with RDS information – and all with a powerful 60W rms x2ch into 6 ohm or 30W rms x4ch into 6ohm. The Melody Music will play your CDs and your MP3 and WMA files, even those stored on a USB device, iPod or an iPhone. You can even hook up your PC via the M-Xport for Bluetooth wireless audio with optional RX101. All of which means high-quality music from almost any source. Enjoy it in your main room, via headphones or in a multi-room set-up – you can even expand the system with subwoofer and satellite speakers. Almost anything is possible with this amazing compact and powerful CD Receiver.

Melody MUSIC

because we

# balance music

## STEREO COMPONENTS

For almost 60 years, Marantz has been touching people's lives by faithfully reproducing music as the original artist intended – enabling it to inspire, motivate and enflame with passion. To continue that tradition, Marantz continuously updates its stereo collection. It's a mission that underlines our total commitment to music. And it's not just a commitment to established media such as radio, vinyl and CD, but also to new media such as MP3, AAC, FLAC, and WAV from portable devices, PCs, external storage systems or streamed via Internet or AirPlay. That's why some of our sets offer USB input or network connectivity. So that you can enjoy all your music sources in high-quality Marantz style.

# KI Pearl lite

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## KI PEARL LITE

When the Premium KI Pearls were first introduced, they were universally acknowledged as supremely exquisite high-end audio gems. Not only did they take music sensations to new heights, they were the ideal tribute to Ken Ishiwata's 30-year association with Marantz. At special listening demonstrations across the globe, music lovers were first captivated and then totally spellbound by their supreme performance. However, as a highly exclusive limited edition, they were also beyond the reach of many. That's why Marantz decided to reuse all that had been discovered in developing the original KI Pearls to create the KI Pearl Lites. So that more people could take part. Importantly, the new Lites embody the same passion, the same commitment, and the same emotion as the original Limited Edition. Only the exterior design is different, their performance is still sublime.

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## PM-KI PEARL LITE

### INTEGRATED AMPLIFIER

70w x 2ch · TOROIDAL TRANSFORMER · COPPER PLATED CHASSIS · CURRENT FEEDBACK · HDAM SA3 · SYMMETRIC LAYOUT · CUSTOMISED COMPONENTS · TRI-TONE CONTROL · MM Phono · POWER AMP DIRECT

All KI Pearls are an expression of a love of music that has no limits, and this integrated amplifier is no exception. It has been given layer upon layer of tender loving care. For example, the high-quality components that proved such a success in the original KI Pearls are used in this amplifier. This helps ensure that it faithfully reproduces the music's dynamic structure, tonal quality and stereo image. This Pearl has also been given a copper-plated chassis to help ensure the lowest possible impedance grounding. Marantz designers also shaped and optimised the power handling characteristics to guarantee the unique KI Pearl experience. They redesigned the large double shielded Toroidal transformer's circuitry to optimise bandwidth power. The result is a current feedback amplifier with a massive energy reserve to drive even the most demanding of speakers with absolute ease. And, for vinyl fans, the PM-KI Pearl Lite supports Phono MM also with current feedback technology. So much has been given. It's now time to take time, and enjoy.

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## SA-KI PEARL LITE

### SUPER AUDIO CD PLAYER

SUPER AUDIO CD · COMPACT DISC DIGITAL AUDIO · TOROIDAL TRANSFORMER · COPPER PLATED CHASSIS · XYRON LOADER · HDAM SA2 · CUSTOMISED COMPONENTS · Zero Impedance Matching Joint · DAC MODE · Made for iPod iPhone

The SA-KI Pearl Lite player incorporates the same technology and experience gained from the development of the highly-acclaimed Marantz Premium Range's SA-KI Pearl. Which makes it a perfect no-compromise player for CDs, SACDs and even USB devices with MP3 and WMA files. It can also digitally connect directly to your iPod/iPhone. In addition, this bright little protégé can also be directly connected to your PC without a network set-up, its B-type USB input on the rear panel means that your PC will immediately recognise it as an "audio card". In addition, the optical and coaxial digital inputs mean you can use it as an external DAC too. And with these inputs you can play your Master HD audio files from your PC in the quality they deserve. All these connectivity options make the SA-KI Pearl Lite very convenient, but convenience is just the start. All these different sources use the same excellent audio processing, so all your music will radiate the same intense lustre and inner glow of a perfect pearl.

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# PM7004

## INTEGRATED AMPLIFIER

70 W X 2ch | CURRENT FEEDBACK | HDAM SA3 | Shottky Diodes | SYMMETRIC LAYOUT | CUSTOMIZED COMPONENTS | TRI-TONE CONTROL | PURE DIRECT | POWER AMP DIRECT | MM Phono

This fully discrete current feedback integrated amplifier is perfect for audiophiles wanting both excellent music quality and flexible operation. It offers a powerful 2x 70W into 8 ohm, while the symmetrical circuits ensure perfect image balancing. To guarantee best sound quality, the PM7004 includes high-grade audio components, current feedback HDAMs, and a high-speed instantaneous current supply. Also included is a highly useful new Tri-Tone Control System – this enables you to adjust not only Bass and Treble, but also the Mids. It is perfect for optimising the sound quality of compressed files such as MP3, by providing much finer adaptation steps. And, it is useful to partly correct your room acoustics. All this is possible, but of course you can simply use the PM7004 in source-direct mode for the purest audio signal and enjoy your vinyls via the Phono MM.

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# SA7003

## SUPER AUDIO CD PLAYER

SUPER AUDIO CD | COMPACT DISC DIGITAL AUDIO | CD-R/RW COMPATIBLE | XYRON LOADER | HDAM SA2 | CUSTOMIZED COMPONENTS | SYMMETRIC LAYOUT | COAX DIGITAL OUTPUT | MP3 | PURE DIRECT

This stereo SACD and CD player underlines the Marantz heritage for high-quality two channel audio reproduction. It faithfully reproduces a wide sound stage with no extra or missing information, thanks to the faster, low-noise and lower impedance symmetrical circuits with high-quality components. The loading mechanism is made from a new material called Xyron, which is very rigid and therefore virtually eliminates resonance, while its reduced distortion spectrum gets the very best of audio quality from SACDs. It can even replay compressed audio formats such as MP3 and WMA in high-quality. The headphone amplifier and gold-plated outputs complete this beautiful player. In total, the SA7003 expresses the Marantz dedication to the purest reproduction of musical emotion. Enjoy.

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# NA7004

## NETWORK AUDIO PLAYER

PC AUDIO STREAMING | DAC MODE | dlna CERTIFIED | DAB+ | R·D·S RADIO DATA SYSTEM | vTuner | napster | HDAM SA2 | Made for iPod iPhone | AirPlay

Wherever your favourite music is stored, you can now enjoy it in crystal clarity because the NA7004 Network Audio Player connects to everything – to your PC, external hard disc, FM radio, DAB or DAB+ radio stations in your country, or even on the other side of the world via Internet radio and music services such as Napster and Last.fm. With the NA7004 you have effortless connection to them all. That's because it incorporates technology based on the DLNA 1.5 standard for audio streaming. This functionality can be found in other manufacturers' products, but at Marantz it is much more applied to audiophile audio quality. For example, the cabinet is very rigid, the power supply is stronger than normal, the audio output stage incorporates the famous HDAM-SA2, and the whole system is finely-tuned with customized components. And, on top of all this, there is the AirPlay functionality (via upgrade) to support direct music streaming from your iPhone, iPad or iPod. This network audio player is even ideal for people with no network. Simply hook-up the NA7004 via USB connector on the back to your PC and it will recognize the NA7004 as an external sound card. That's the most direct way to enjoy excellent quality. And there's more: digital inputs, iPod-digital-compatible USB and optional Bluetooth reception. This is versatility in the extreme, but amazingly it's also extremely easy to operate via the large display. It all makes the NA7004 your open door to a myriad of music stations, podcasts, documentary channels and more – all with the best possible audio quality.

YouTube | **Get to know the whole story on Networking and watch our video on www.youtube.com/marantzeu**

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# PM6004
## INTEGRATED AMPLIFIER

45 W X 2ch · TOROIDAL TRANSFORMER · SYMMETRIC LAYOUT · CURRENT FEEDBACK · CUSTOMISED COMPONENTS · Shottky Diodes · MM Phono · A-B · PURE DIRECT · SYSTEM REMOTE

When “What Hi-Fi Sound and Vision?” gave our PM6003 the “Best amplifier in its class” award, the performance bar was well and truly raised for its successor: the PM6004. Fortunately, Marantz design engineers enjoy nothing better than a real challenge. And they seized this upgrade opportunity to further improve this already excellent amplifier by refining the sound and optimising the balance from Bass to Mid to Highs for a performance full of harmony. The strategic difference is that now both the pre-amplification and power amplification sections exclusively feature discrete components – not a single IC in sight. Specially selected single components not only outperform ICs in quality, they also make it possible to refine the sound in much more detail, resulting in more clarity and transparency in the sound stage. Of course the lower impedance Toroidal transformer with case-shield has been retained, so too has the customized main capacitors, and the potential power transistor which is mounted on the extruded aluminium heat sink and can easily handle higher currents to keep close control of speakers. All of this proven, superior technology has been retained. And of course all of the original features - such as six-line audio input including phono, two-pairs of gold-plated speaker connections with the convenience of bi-wiring, and a remote handset - are still there. All that’s now required is a lover of music.

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# CD6004
## CD PLAYER

CD-R/RW COMPATIBLE · MP3 · Plays Windows Media™ · HDAM SA2 · SYMMETRIC LAYOUT · CUSTOMISED COMPONENTS · SYSTEM REMOTE · USB · COMPACT DISC DIGITAL AUDIO TEXT · PURE DIRECT

How do you improve a “What Hi-Fi Sound and Vision?” award-winner? Easy: just continue the same painstaking philosophy of product dedication, keep even the tiniest of details at the top of mind, do everything possible to optimize mechanism and potent power supply, insist on premium digital-to-analogue conversion with CS4398, and ensure a mirrored symmetrical output stage with Marantz-own HDAM-SA2 amplifiers. And when all that is done, check it all again and fine-tune with even more specially selected components. We also added a solid metal bottom-plate and centralised the CD mechanism’s location. That is how, for example, we virtually eliminated vibration. In addition, the stable, oversized power supply feeds the digital and analogue circuitry of the player, where the high-quality CS4398 converts digital signals to analogue, this is then ‘pushed’ to the gold-plated synch outputs by Marantz’s own small signal amplifier, the HDAM-SA2. Altogether the CD6004 is a match made in heaven for the music lover who wants nothing but the best performance at an attractive price. And one more thing it’s also perfect for lovers of portable music, thanks to its iPod-digital connectivity.

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# PM5004
## INTEGRATED AMPLIFIER

40 W X 2ch · CURRENT FEEDBACK · PURE DIRECT · A-B · MM Phono · DB · METAL CHASSIS · SYSTEM REMOTE

This excellent entry-level integrated amplifier breaks all the rules. That’s because it’s the first in its class to offer current feedback architecture – a feature that until now has been exclusive to the more expensive models. This technology provides very fast and accurate signal handling, which results in perfectly balanced stereo sound reproduction and a very open and precise sound stage. Offering 40W per channel into 8 ohm or 55W into 4 ohm, this amplifier includes a metal chassis and front metal panel to ensure a very rigid and solid base. It also offers customised components for sound tuning, a Phono MM equaliser, as well as Source Direct functionality to ensure shortest signal paths. Without doubt, the PM5004 has raised the performance bar in the so-called entry level area. Great sound. Amazing versatility.

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# CD5004
## CD PLAYER

CD-R/RW COMPATIBLE · MP3 · Plays Windows Media™ · HDAM SA2 · SYMMETRIC LAYOUT · COAX DIGITAL OUTPUT · OPT DIGITAL OUTPUT · SYSTEM REMOTE · COMPACT DISC DIGITAL AUDIO TEXT

The CD5004 plays CD, CD-R and CD-RW discs as well as MP3 and WMA files. And perhaps more importantly, it helps reproduce high-quality audio. That’s because it incorporates high-quality audio components such as the famous CS4392 DAC as well as the Marantz-own HDAM-SA2. It also includes customised components for sound tuning and a reliable CD transport mechanism. The Audio EX(clusive) mode further enhances sound quality by switching off functions, such as digital output and pitch control that are not in use. The Auto Music Scan (AMS) quickly finds the music on the disc and the Quick Replay function repeats favourite passages. In addition, high-grade gold-plated analogue outputs guarantee best connectivity. A well-defined headphone output, an easy to read display, and a remote control rounds off this excellent player.

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# SR5023

## STEREO RECEIVER

80 W X 2ch · R·D·S RADIO DATA SYSTEM · 50 PRESET · MM Phono · FULL DOT MATRIX · PURE DIRECT · SYSTEM REMOTE · D-BUS · METAL FINISH

This latest 2x 80W stereo receiver, in the M1 Reference Style design, is built to the highest standards and expertly finished. The slim aluminium front expresses perfect balance, while the dimensions are the same as those for the CD5004, CD6004 and SA7003, giving you the option of creating an extraordinary system from just two components. Close attention to detail and a no-compromise construction ensures faithfully captured excitement and emotional playback of your music. This RDS stereo receiver comes with FM/AM reception, 50 random presets and a powerful amplifier at its heart. For vinyl addicts there's also a high-quality Phono MM pre-amplifier. Subwoofer output and a pair of screw-type speaker terminals make it a true centrepiece of your home stereo system.

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# TT42

## TURNTABLE

Many of your cherished vinyl records may never be issued in digital formats, which means good turntables are now more important than ever. That's why Marantz offers you a fully automatic, high-quality turntable with DC servo belt-drive, low-coloration tone arm, and transparent dust cover. The ideal answer to your need for a high-performance source component for analogue records. Set-up is easy since our TT-42 is fully pre-installed. Vinyl is here to stay.

marantz

# ST6003

## RDS STEREO TUNER

R·D·S RADIO DATA SYSTEM · 50 PRESET · FULL DOT MATRIX · CUSTOMISED COMPONENTS · D-BUS · METAL FINISH

The ST6003 is an FM/MW stereo analogue tuner with access to all major frequencies and has a high-sensitivity front end to ensure drift-free reception. The RDS tuner lets you tune by frequency or program type, while the full dot matrix display clearly indicates the frequencies and radio data such as station name or radio text. It comes with 50 station presets and a sleep timer function. And, via the Marantz D-Bus you can remote control the ST6003 with any Marantz amplifier remote. In total, the ST6003 combines high-quality audio components for the best sound with functionality and ease-of-use.

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# CC4003

## CD CHANGER

COMPACT DISC DIGITAL AUDIO · CD-R/RW COMPATIBLE · MP3 · COAX DIGITAL OUTPUT · OPT DIGITAL OUTPUT · CI-Ready · D-BUS · REMOTE · METAL FINISH

With a five-disc carousel, fully-programmable playback mode as well as random, repeat and scan modes, the CC4003 CD Changer provides endless combinations of non-stop music. Its multi-read drive plays not only CDs but also CD-R/RWs with MP3 or WMA files. For the analogue output, the internal high-quality CS4392 D/A converter guarantees superb sound quality. Coaxial digital and optical outputs are provided for digital connection. There's also a headphone output with adjustable volume, and the dedicated remote controller provides direct disc access, while the metal chassis and solid metal front panel provide a rigid base for high-quality performance. The Marantz D-Bus system and a built-in RS232C port with discrete coding provide an open architecture for enhanced system control.

because we

# embrace music

## PREMIUM SERIES

Not everyone can listen to music. Some people can only hear it. But for those who are gifted with the talent of listening, music is pure emotion. It inspires, stimulates and creates energy. Gifted listeners know this and use music to see beyond the sound. They see the concert, the times gone past, and the times yet to come. That's because gifted listeners can embrace music.
Our mission at Marantz is to help make that embrace as realistic and as meaningful as possible. That's why we are honoured to introduce this year's Marantz Premium collection. A collection of outstandingly exquisite units, inspired, created and designed with one aim in mind: to help intensify your listening pleasure.

First on show is the trail-blazing Limited Edition Premium 15 Series. Two superb stereo separates that embody an utterly dedicated unity of purpose. Individually they are supreme. Together, they're sublime.

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Limited
INTEGRATED AMPLIFIER PM-15S2
CD
OPERATE
POWER ON/OFF
BASS
0
2
2
4
6+
-6
TREBLE
0
2
2
4
6+
-6

# introducing 15 series

## limited edition

# premium 15 series

When you first encounter the Premium 15 Series, you will discover a detail of sound in its most delicate of forms. Detail that creates an entire landscape. One that's so real, you can almost reach out and touch it. But it's not just delicate detail you'll discover, the 15 Series deploys power on a tectonic scale. And when you feel that effortless surge of power, combined with the slenderest of detail you will be changed. Forever.

It's an encounter that is set to become more stimulating, more inspiring, and more exclusive than ever. Because this year a special Limited Edition 15 Series is available. These extra-special units are available in black only, and have been enhanced with the latest components and sound reproducing techniques. For people who truly cherish music, this year's 15 Series is a chance in a lifetime to own true magic.

# premium 15 series

## PM-15S2 LIMITED EDITION
### PREMIUM INTEGRATED STEREO AMPLIFIER

PM-15S2 Limited Edition is the epitome of extreme quality and is, quite simply, a masterpiece. In both performance and appearance, it stands out in the Premium Range, with exclusive silky-black finishing. As you would expect from such a limited edition player, it includes all the exceptional-quality components and subsystems as its thoroughbred stable mate, the PM-152. But in addition, it incorporates improved customized components and the use of a more efficient electrical signal path to elevate sound quality to even more sublime levels. The PM-15S2 Limited Edition represents a true milestone in the history of Marantz. It also represents a rare and precious opportunity to own a genuinely exclusive object of desire.

## SA-15S2 LIMITED EDITION
### PREMIUM SUPER AUDIO CD PLAYER

As the absolute and quintessential partner to the PM-S2 Limited Edition, this extraordinary CD player also radiates privilege, prestige and power. Its exclusivity is also underlined by the immediate eye-catching, silky-black finish - an enviable reserve for the best of the best. As a result, it too makes a resounding statement in terms of both performance and appearance. It incorporates many of the excellent-grade components and subsystems as featured in the Premium SA-15S2, but we have pushed the limits even further with many new customized components and signal path strategies. Not surprisingly, the resulting sound quality more than matches the exquisite visual impression. This is luxury in the extreme.

# premium 15 series

## PM-15S2
### PREMIUM INTEGRATED STEREO AMPLIFIER

The PM-15S2 uses the latest generation of Marantz-own HDAM modules, as well as a top-down version of the PM-11S2's Constant Current Feedback MM/MC phono stage, which vinyl fans will simply fall in love with. The powerful Toroidal transformer delivers exceptionally high current values to instantaneously follow every dynamic and every detail of the music, while an additional CD direct input buffer ensures a completely unadulterated audio signal. In addition, the symmetrical circuit architecture, with system block shielding and independent left and right heat sinks, eliminates cross-channel interference for the clearest, most 'visible' of sound stages. One of the unit's many convenience innovations is the special Power Amp Direct Mode, enabling you to use the PM-15S2 as a pure power amplifier - useful when combining a high-quality AV System with an audiophile stereo set-up. Also, with rigid double layer chassis, aluminium front and side panels, and an additional bottom plate to minimise external noise, the PM-15S2 is as solid as it gets. It all adds up to an extraordinarily high-quality stereo sound.

## SA-15S2
### PREMIUM SUPER AUDIO CD PLAYER

The oversized Toroidal transformer inside the SA-15S2 generates the cleanest of power deliveries to eliminate component cross-contamination, while the highly-acclaimed Marantz Xyron mechanism, with solid aluminium housing, supports MP3 and WMA playback – without, of course, affecting its CD and SACD sound quality. The advanced Cirrus Logic bitstream CS4398 DAC heightens analogue performance and provides a choice of different digital filters. In addition, the analogue output stage makes use of the HDAM-SA2 module and selected components, and the headphone stage is equipped with a high-speed current buffer amp making it insensitive to the headphone when connected: hence noise is minimised and audio quality maximised. Another major benefit is the digital input, enabling you to connect a music server or a network audio client to take advantage of the high-quality DAC and the superior audio output stage.

# premium 11 series

## PM-11S2
### PREMIUM INTEGRATED STEREO AMPLIFIER

This adored member of the Marantz Premium Range is packed with advanced technologies to give you the best in detail, precision, and emotion. Thanks to the shielded Toroidal transformer and customised components, it offers ultra-stable power output at 2x 100W into 8 ohms or 2x 200W into 4 ohms. Absolute signal integrity and very low signal-to-noise ratio is guaranteed via the 3-stage construction which includes a pre-amplifier and a dual stage main-amplifier, as well an extra pre-amplifier for Phono MM/MC. Key technologies include the latest Marantz Current Feedback HDAM-SA3, symmetrical circuitry with the shortest signal paths to deliver dynamic sound and perfect stereo imaging. The result is an unbelievably wide sound stage, but with extremely precise positioning of instruments and vocals. In addition, the chassis and rear panel are copper-plated to guarantee low impedance ground potential at any point for best possible signal integrity. All of which means that the PM-11S2 is a vision of perfection.

## SA-11S2
### PREMIUM SUPER AUDIO CD PLAYER

People who have encountered the SA-11S2 often have just one thing to say: “extreme delicate detail”. That’s because it has taken on board many of the advanced technologies that were originally developed for the Reference Series SA-7S1. For example, it now uses the exclusive-to-Marantz Dynamic Digital Filtering technology, which makes standard CDs sound as incredible as SACDs. There are three filter characteristics to cater for different tastes. The unit offers fully balanced signal handling on short, symmetrical, and discrete circuit architecture as well as the HDAM-SA2 high-speed amplifier module. The internal high-precision clock minimises jitter to the lowest possible level, while the rigid double-layer chassis minimises vibration. Extensive copper-plating and system-block shielding keeps the signal as clean as possible. In addition, you get balanced XLR, gold-plated RCA output terminals and a low-noise LCD. All of this means that you get more detail, more precision and more emotion than ever – and all in a wide-open sound stage that positions every instrument and vocalist with pin-point precision. It’s extremely enjoyable.

# premium turntable

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## TT-15S1
### PREMIUM TURNTABLE

Analogue purists behold: the TT-15S1 Premium Range Turntable is here. It has a solid acrylic resin chassis in the design style of the Premium Range, a 3cm-thick heavy acrylic platter with a black felt cover, solid aluminium feet, and state-of-the-art ceramic bearings, so it almost eliminates chassis resonance. The Marantz exclusive MM System in a stylish ebony body is directly fixed to the high-grade audio interconnector reducing signal resistance to a minimum. Its anodised arm has been optimised to partner the unit perfectly. The motor is dampened and isolated from the chassis to prevent vibration influence. And a 'Clever Clamp' system ensures excellent disc contact with platter. The magnetic anti-skating system is contact-free to eliminate unwanted stylus stresses, and the continuous silicon belt guarantees rotational accuracy. The TT-15S1 represents the ultimate addition to any audiophile's home audio system.

# passion

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## THE MARANTZ PASSION
### - the Marantz difference

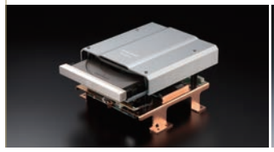
At Marantz, we believe that music has always played a fundamental role in how humanity perceives reality – we do not merely hear the sounds, we feel them, dream them and even see them. And this is becoming increasingly the case, as audio is inseparably coupled to vision, music is a defining ingredient. It is music that drives home the ecstasy and agony of a film's story.

We also believe that true hi-fi is about being able to reproduce the magic of a performance. It's about experiencing music just as the artist intended, even in the cinema. Obviously, this kind of high quality reproduction requires the best components. And below you can see some examples of high quality and carefully chosen components that Marantz uses to achieve the goal of unadulterated music reproduction.

But importantly simply using the best components in an audio product will not reproduce the music exactly how the original artists intended. To achieve this, each element within a set must work in harmony with all the rest, they must all be carefully selected to ensure they work in complete harmony. After all, we are dealing with music.

Our heritage of technical excellence means we can create products with high-precision playback capabilities. But more importantly, it is our love and understanding of music reproduction that gives us the ability to communicate the scale, timbre, pitch, dynamics, and the very essence of a recording. It is this passion that helps ensure that every one of our home entertainment products unlocks the power, the excitement and the emotion of music.

Because music matters.



# TECHNICAL GLOSSARY

**NOTE:** THE NUMBERS BETWEEN ICON AND PRODUCT FEATURE REFER TO THE GLOSSARY COLUMN IN THE TECHNICAL DATA ON THE NEXT PAGES.

### 1. 70% POWER GUARANTEE

Marantz has the 70% power guarantee, meaning that a minimum of 70% of the stereo power indicated in the specification section will be available when 5 channels are simultaneously used. A lot of misunderstanding about power rating has been created by claiming the highest possible output power as a unique selling point. Measurement often has been done on only 1 speaker drive, with lower impedance than 8 ohms and high THD (total harmonic distortion) acceptance. A standard THD value is 0.08%. The lower the better.

### 2. CURRENT FEEDBACK

Current Feedback amplification is a well known, Marantz' original circuit technology. The Current Feedback amplifier technology fits perfectly with the high requirements set for Super Audio software providing wide-bandwidth, high-speed reproduction. The impedance at the Current Feedback point is limited resulting in a very low phase shift. Marantz receivers and amplifiers equipped with Current Feedback can keep the phase compensation via Negative FeedBack (NFB) to a minimum, resulting in high through-rate, excellent transient response and superb sonic transparency for the full bandwidth. Unlike conventional Voltage Feedback amplification, the Current Feedback amplification makes the power amplifier in-sensitive to difficult loudspeaker loads.

### 3. TOROIDAL TRANSFORMER

Toroidal transformer has several advantages over a normal EI core transformer. It is very efficient and therefore delivers more power compared to the same size of an EI core transformer. In addition, due to its shape, the electromagnetic radiation and the mechanical vibration are extremely low all ending in a better sound quality.

### 4. HYPER DYNAMIC AMPLIFIER MODULES (HDAM)

Marantz developed its own discrete circuit boards to replace standard IC's. These HDAM's consists of discrete surface mount components with short mirror image L/R signal paths. Those devices are doing exactly the same thing as the Op-Amps, but outperform the regular IC Op-amps dramatically in terms of the Slew Rate and reduced noise level, resulting in a much more dynamic, accurate and detailed sound. Over the years Marantz developed different types of the HDAM to improve quality and to fit to the special requirements of a product category like CD or amplifier.

### 5. CUSTOMIZED COMPONENTS

On paper an electrical component might look excellent but the result may fall short of the combined design expectations. Marantz selects the appropriate components for the specific design application. In some cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz in close cooperation with the Marantz engineers.

### 6. SYMMETRICAL CIRCUIT LAYOUT

To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo imaging by ensuring close to perfect symmetry between right and left channel layout.

### 7. COPPER PLATED CHASSIS

A copper plated chassis provides the best shielding against noise or electromagnetic distortion radiating from other components in the equipment. It prevents this noise from being amplified together with the audio signal. And even more important, it gives equal low impedance ground level to every point of the chassis, keeping the ground potential as clean as possible.

### 8. ZERO IMPEDANCE MATCHING JOINT

Improves the signal to noise ratio significantly by adding a copper plated bracket across the output terminals of the player providing the best ground contact possible.

### 9. PURE / SOURCE DIRECT / AUDIO EX(CLUSIVE)

Pure / Source Direct / Audio EX are special listening modes that provide the highest possible signal purity. They can be used for both analogue and digital sources, with two-channel or multi-channel inputs. When selected, the signal follows the most direct path not passing the tone and bass management circuitry or any DSP (digital signal processor) of AV-Receiver or on players pitch control, digital output or the display will be switched off. The less processing and funtionalities the closer the signal is to the original, the less it is distored.

### 10. TRI-TONE-CONTROL

Marantz extended the sound tuning possibilities by introducing Tri-Tone-Control. In addition to Bass and Treble you can now also adjust the Mid Range. Especially for today's compressed audio formats like MP3 and AAC this is a big advantage, as these often lack on sound quality.

### 11. POWER AMP DIRECT

Power Amp Direct extends the flexibility of an integrated amplifier for use within a stereo set or as a power amplifier within a multichannel set up. With Power Amp Direct switched off, it acts as a normal integrated amplifier for enjoying perfect sound quality in a stereo set up. With Power Amp Direct switched on, it uses the power amplifier for driving the front left and right speakers within a multichannel set up, using the surround channels from your A/V receiver. What's more, it does all this with a single push of a button, without changing wires. The Power Amp Direct can also be used for a stereo bi-amping set up.

### 12. SUPER AUDIO CD

Super Audio CD (SA-CD) is an established music format that provides a more natural, ultra-high quality sound. It offers a smooth migration path to a higher quality sound, as all existing CDs can be played on the SA-CD player. SA-CD is based on the Direct Stream Digital (DSD) technology, which uses 1 bit delta-sigma modulation and a sampling frequency that is 64 times higher than that of the CD. This enables the SA-CD to offer a frequency range up to 100KHz and a dynamic range of 120dB.

### 13. XYRON

XYRON® (PBO fibre) is the next generation super fibre which decreases the vibration and resonances of a disc dramatically, increasing the quality of the outputted audio quality. Developed by Ashahi Chemical Japan, the fibre possesses High Rigidity with High Internal Losses, ideal material for CD or DVD mechanisms.

### 14. DYNAMIC DIGITAL FILTERING

Some audio companies focus on sound modification by selecting and customising electrical components for the analogue part of the player but they have only limited knowledge of digital filtering and have to use standard solutions - which Marantz believes to be sub-standard for a genuine audiophile player. That's why Marantz has invested extensively in gaining expert knowledge into this crucial part of a CD-player during CD playback. The Marantz Digital Filter eliminates out-of-band noise, reflecting into a better S/N ratio, dynamic range, and various other characteristics.

### 15. USB AUDIO / USB TYPE B

USB Audio makes it possible to listen to compressed audio files (MP3, Windows Media™ Audio, etc.) stored on MP3 players or external hard discs. All Marantz USB-enabled products make use of the USB 2.0 profile for fast and stable data transfer. Some products feature the USB Type B standard. These products can be directly connected to the PC and will be recognized as an external soundcard. This guarantees best audio as music stored on the PC reproduced via the Marantz product with its high-quality audio output stage.

### 16. AUDIO STREAMING

Digital media stored on a computer or NAS (network access storage - network hard disc drive) is becoming more and more popular. But listening to the music only "on the go" via your portable media player or sitting in front of a PC is not a must anymore. With our products supporting audio streaming you can enjoy the music via the HiFi system in a high-quality, and while sitting on your couch.

### 17. DAC MODE

With the DAC mode we describe the operation of the product as an external Digital to Analogue Converter (DAC). You can connect via optical / coaxial digital inputs or the USB type B input sources such as such as an external CD drive, digital tape, music server, PC or network client. These sources can make use of the high quality D/A converter and the analogue output stage equipped with HDAM modules to enrich the sound quality. Please check USB Type B describtion as well.

### 18. M-DAX2

The use of compressed audio files like MP3, Windows Media™ Audio or AAC is getting more and more popular. The audio quality of these compressed files however is less than the original lossless files that are on a CD, especially lacking the higher frequencies and affecting the lower frequencies which make the audio image less wide and deep. The Marantz Digital Audio Expander 2, also called M-DAX2, recalculates the outputted frequency range. This enables you to get a more detailed and clearer sound.

### 19. AUDYSSEY

Audyssey is an acoustic measurement technology which automatically restores the acoustic distortion caused by the acoustic behaviour of a room with only a push on a button. Audyssey equalization provides an clear, accurate, natural sound with voices and dialog that become focused and intelligible, restoring the musical balance. Musical instruments and sound effects become precisely localized and the surround soundstage is made seamless and enveloping.

### 20. AUDYSSEY DYNAMIC EQ / AUDYSSEY DYNAMIC VOLUME

Dynamic EQ selects the best possible frequency response and surround volume levels moment-by-moment. This ensures that the bass response, tonal balance and surround impression remain constant on each volume level. This is a pre-requisite for delivering a dynamic volume solution. The listening experience can be greatly diminished when there are significant shifts in volume between television programs, commercials and within the program material itself. When this happens you must constantly adjust the volume to maintain your desired listening level or you let Audyssey Dynamic Volume monitor and automatically adjusts it.

### 21. 1080P UPSCALING

Upscaling is the process of converting a standard definition (SD) video signal to a seemingly high-definition (HD) video signal by using a video scalar. Upscaling does not convert standard definition video to true high definition video, but it does dramatically improve the detail and colour consistency of the picture, up to 1080p, the resolution possible for HDTV. On AV-Receiver video conversion from analogue level to the digital level for output via HDMI offers ease of use and best digital picture quality for each source material.

### 22. VIDEO CONVERSION

Analogue video signals feed to the AV-Receiver in Composite, S-Video or Component format will be up- or down-converted to the monitor video output of another format. This feature allows you to connect several sources to an AV-Receiver and run only one cable to the TV set. Please check specification area for details on conversion direction.

### 23. HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI)

HDMI combines high-definition video and superb audio in a single digital interface with a bandwidth of up to 10 Gigabits/ second. HDMI complies with High-bandwidth Digital Content Protection (HDCP) technology protecting high-value content from unauthorized reproduction and distribution. HDMI is the only interface in consumer electronics that can transmit both high-definition video and multi-channel audio e.g. Dolby TrueHD and DTS-HD formats, including 720p, 1080i and 1080p through one single cable.

### 24. ANCHOR BAY / ABT1030 / ABT2015

The Anchor Bay Technologies' video scaling chip is specially made for applications requiring high-quality up-conversion from standard video like 576i up to high-definition formats including 1080p, I/P conversion and upconversion from analogue video signals to the digital domain for transfer through HDMI. The chip features Anchor Bay's proprietary 10-bit Precision Video Scaling Engine that can independently scale an image horizontally and vertically to achieve an outstanding picture quality for today's demanding high resolution video displays. See '1080p Upscaling'. Marantz makes use of the standard ABT1030 and the advanced ABT2015 chip offering further video adjustment possibilities and noise reduction processing.

### 25. GUI & SETUP-WIZARD

The Setup Wizard and the Graphical User Interface (GUI) make the initial setup of our new AV-Receivers very easy, and when setup… enhance your experience in ease of use. The Multi-language Setup Wizard in German, English and French automatically pops up on the connected display screen when the Marantz AV-Receiver is connected with HDMI to the display & switched on for the first time. The wizard guides you through the complete setup of your AV Receiver with ease and simplicity, covering the process of speaker connection, auto speaker calibration, and connection of source devices; all supported by clearly illustrated on screen graphics, helping you to locate the correct connection sockets on your unit. For connection of additional devices later on, the Setup Wizard can be easily accessed via the setup menu too. In daily use, the GUI really stands out and presents information about volume, surround mode, input source and more, all on the TV screen, whilst being pleasantly presented in a transparent banner, with the film still running in the background.



### 26. BLU-RAY DISC

Blu-ray Disc, also referred to as BD-ROM, is the next-generation High Definition (HD) optical disc format. The format is developed to enable recording, rewriting and playback of High Definition video and audio which offer consumers an unprecedented high definition 1080p experience, providing an exhilarate life-like image and an audio soundtrack that is more detailed and clearer.

### 27. BD-LIVE / PROFILE2.0

This new Blu-ray Disc profile offers additional enjoyment to your current Blu-ray experience by enabling you to download additional movie content such as alternative endings and trailers.

### 28. TRUE1080/24FPS

The standard frame rate that is being used to record cinema movies is 24 frames per second (24fps) and this life-like image with stutter free movements could only be enjoyed in the real cinema up until now. Now with Blu-ray players outputting 1080p/24fs it is coming to the customers' home.

### 29. 3D READY

3D stands for 3 dimensional. Products carrying the 3D logo are able to output or path through the digital 3D video signal.

### 30. DIVX ULTRA

DivX is a video compression tool developed to exchange film content via the internet. With a DivX certified DVD or Blu-ray player it is easily to take digital video from the computer and play it back on the normal TV at almost DVD quality. Thanks to DivX technology's superior compression, hours of DVD-quality video can be saved on a single CD. The latest improved version is called DivX Ultra, also called DivX 6.0 The new DivX offers enhanced multimedia and interactive features.

### 31. VIDEO STREAMING

Video Streaming is an element of our integrated DLNA1.5 certified Network connectivity, whose function allows you to stream digital video files located on any other DLNA1.5 prepared computer or NAS (network attached storage - network hard disc drive) from anywhere within through your home computer network. The result is that the streamed video is displayed on your TV screen in resolutions right up to 1080p HD (high definition) quality. Furthermore some select units support DivX VOD (video on demand) format too, allowing streaming from external internet based video sources. More details can be found in the specification list per product.

### 32. DOLBY TRUE HD

Dolby TrueHD is Dolby's next-generation lossless technology developed for high-definition audio coding. Dolby TrueHD supports up to eight full-range channels, allowing the audio engineer to position sounds for a more realistic effect than ever before. Dolby TrueHD will be transmitted via HDMI 1.3a and up.

### 33. DOLBY HEADPHONE

Dolby Headphone technology allows users to listen to music, watch movies, or play video games with the dramatic surround effects of a 5.1-channel soundtrack through any set of stereo headphones. Best of all, "listener fatigue," a phenomenon commonly associated with head-phone playback, is replaced by a spacious, natural sound field that listeners can enjoy for hours.

### 34. DOLBY PRO LOGIC IIx & DOLBY PRO LOGIC IIz

Dolby Pro Logic IIx is a complete surround sound solution featuring Movie and Music mode that function with 5.1 as well as stereo source material. It delivers a natural and immersing up to 7.1-channel surround listening experience to the home theatre environment. Dolby ProLogic IIz is presents a new listening experience with a more life-like sound stage by additional Front Height channels, which add a vertical component to the horizontal sound field of conventional 5.1 or 7.1 systems. The enhanced spatial effects bring an overall airiness to the listening experience, a new dimension of presence and depth.

### 35. DTS-HD MASTER AUDIO

DTS-HD Master Audio is an optional High Definition Audio format for all Blu-ray Disc™ products. DTS-HD Master Audio format allows a bit-to-bit representation of the original movie's studio master soundtrack and delivers audio at high constant bit rates superior to standard DVDs.

### 36. DTS ES 96/24 NEO:6

The DTS-ES surround system offers a superb sound quality and a range of formats. The Discrete 6.1 offers the ultimate quality of surround field creation, while the Matrix 6.1 provides compatibility for the existing DTS 5.1 software. And the Neo:6 is to create 6.1 surround stage from any two channel source.

### 37. AUDYSSEY DSX

Audyssey engineers proved that realistic reproduction of surround sound relies on the ability of audio systems to match human hearing performance. Key requirements are: (1) frequency response, (2) dynamic range, and (3) accurate spatial rendering. Research has shown that accurate spatial sound rendering requires more information than a 5.1 surround sound system can provide. Audyssey DSX delivers this additional information from the required directions to overcome the limitations faced by 5.1 surround sound systems by adding front height and / or front wide speakers for the most realistic performance.

### 38. MULTI ROOM / MULTI SOURCE

With the Marantz AV system placed in the main room of the house, a second or even a third loudspeaker set can be placed in separate rooms. In those rooms an audio and even a video source can be selected independently from the main room at a different sound level and with full remote control functionality. For example in the main room a DVD can be played back with multichannel surround, while in a second room music can be enjoyed from a CD player connect and a third room can have audio and video coming from the connected satellite set-top box - all at the same time - all independently. Please check specification section for number of zones.

### 39. CI-READY

CI-Ready indicates that the products are equipped with connection like RS-232, Flasher Out, IR Receiver in, DC-Trigger and similar used especially in the Custom Installation area. The RS232 for example is a communication port direct to the micro processor of the device. Marantz products have dedicated remote codes and RS232 codes for any function including discrete power on / off.

### 40. D-BUS

To optimize equipment in terms of ease of use, Marantz has designed the D-Bus system. Received remote control commands are communicated via this bus. This enables equipment without IR-receiver like tuners or hidden system together with an external IR eye to be controlled via the bypacked Marantz System Remote Controller.

### 41. DC-TRIGGER

A DC trigger is an assignable voltage output which can automatically control for example an electrical projection screen, lowering it when the DVD input is chosen on the receiver.

### 42. IR-FLASHER

The IR-Flasher IN is a standardized connection to control the AV system by external IR receivers independent of the infra red control format used. On the IR-Flasher OUT an IR-Emitter can be connected to controlled third brand components. The third connection link to this is the IR-Receiver INPUT which is similar to the IR-Flasher In, but it outputs a voltage to directly feet an external IR-Receiver eye. Please check capability per product in the specification section.

### 43. M-XPORT

The Marantz eXpansion Port is a dedicated 9-pin connector on the rear-side of a product. This port can be used for a wide variety of applications by connecting a dedicated device such as a network client, DAB tuner module, iPod dock, or others. Please check Bluetooth explanation for more details. Further devices will follow.

### 44. BLUETOOTH

Bluetooth is a worldwide standard for wireless communication, exchanging information between fixed and mobile devices. Marantz uses the Bluetooth A2DP standard to stream music from a mobile device to a Marantz own receiver unit. It uses a dedicated one for the IS301 and the universal RX101 which is connected to the M-XPort. It also enables your HiFi to receive music stored and played back from your PC. Please see the M-XPort explanation as well.

### 45. AIRPLAY

With AirPlay it is now possible to stream the sweet sound of your favorite songs from either your iTunes library on your PC/Mac® or directly and wirelessly from your iPhone®, iPad™, iPod touch® to your Hi-Fi or AV-system in high quality.

### 46. MADE FOR IPOD / WORKS WITH IPHONE

'Made for iPod' and "Works with iPhone" means that an electronic accessory has been designed specifically to connect to iPod and has been certified to meet the Apple performance standards. Current Marantz products carrying the 'Made for iPod' logo are compatible with the following iPod models: 4th Generation iPod or higher, iPod Classic, iPod Nano (1st, 2nd, 3rd and 4th generation), iPod video and iPod Touch. For 5th Generation iPod, iPod Nano or iPod Touch the audio transmission is digital. The "Works with iPhone" adds the iPhone to the list.

### 47. DLNA

DLNA certified products guarantee a stable and fast connection, cross-brand interoperatebility, Universal Plug and Play (UPnP), automatic IP-addressing and easy to use in a wired or wireless setup with your home network: Sharing of your favourite music, photo's and video's stored on your PC, NAS-drive, Musicserver or HD recorder through your audio/ video set-up is possible. Please check specification section for video streaming support.

### 48. VTUNER - INTERNET RADIO

vTuner connects your Internet-enabled product to the wide world of streamed music and talk. vTuner hosts thousands of Internet radio stations and podcasts on a reliable and maintained platform. The amount of content they offer keeps growing. Stations can be searched by several criteria such as region and genre, etc. but it is also possible to search a station by name or add a URL of a specific station if not listed yet. vTuner doesn't need a subscription and is free of charge with the enabled Marantz products.

### 49. LAST.FM

Last.fm is an online music recommendation service. Its major benefit is that helps you to explore and discover a greater variety of music based on the genres of songs you play. To enjoy last.fm a Premium monthly account is required. Note: Only available in UK and Germany. Please check website www.lastfm.com for more details.

### 50. NAPSTER - INTERNET MUSIC SERVICE

The Internet service provider Napster is a pioneer of digital music and offers the ultimate in interactive music experiences. The company's service combines unlimited on-demand music streaming with downloadable MP3s for your permanent collection for a monthly fee. For a monthly fee you can build up your own music library online and listen to your selected music easily via the Napster-enabled Marantz product. Just log in once and enjoy your favourite music collection sorted by artist, album, title, genre, etc. In comparison to Internet radio you decide what gets played. Today it is not available in all European countries. Please visit www.napster.co.uk or www.napster.de for more details.

### 51. WINDOWS 7 COMPATIBLE

The Windows 7 compatible logo ensures that the product carrying the logo is tested with and compatible to the Windows 7 operation system.

### 52. ENVIRONMENTAL FRIENDLY

Marantz products all carry the environmental logo. This logo proves the environmental way of thinking within Marantz. This does not stop with the low power consumption of all Marantz products in stand-by modus, but it also underlines the environmental way of working and producing within Marantz and the use of environmental approved components that do not contain hazardous chemical elements. As much as possible will be done to stress the environment as less as possibly can.

# TECHNICAL DATA

| AV PRE-AMPLIFIER | GLOSSARY | AV7005 |
|---|---|---|
| **FEATURES** | | |
| MULTICHANNEL SURROUND | | |
| DTS HD Master / DTS 5.1 / DTS ES / DTS 96/24 | 35 / 36 | • / • / • / • |
| Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIz | 32 / 34 | • / • / • / • |
| Audyssey DSX | 37 | • |
| Multichannel Stereo | | • |
| Dolby Headphone | 33 | • |
| Compressed audio Enhancer: MDAX / MDAX2 | 18 | - / • |
| **SOUND ENHANCEMENTS** | | |
| Current Feedback Topology | 2 | • |
| Hyper Dynamic Amplifier Modules (HDAM) | 4 | • |
| Power Transformer: Toroidal / EI | 3 | - / • |
| High Grade Audio Components | | • |
| Chassis: Copper plated / Metal | 7 | - / • |
| **NETWORK** | | |
| DLNA Certified | 47 | • (v1.5) |
| Network Audio: MP3 / WAV / AAC / FLAC / FLAC 96/24 / WMA | 16 | • / • / • / • / • / • |
| Network static video (JPEG) | | • |
| AirPlay audio streaming | | Upgrade |
| Windows 7 | 51 | • |
| Internet Radio: direct / external media player | | • / • |
| vTuner / Napster* / last.fm* | 48 / 49 / 50 | • / • / • |
| Ethernet | | • |
| **OTHERS** | | |
| Bluetooth audio via RX101 | 44 | optional |
| Auto speaker setup by microphone | | Audyssey MultEQ XT |
| Audyssey Dynamic EQ / Dynamic Volume | 19 / 20 | • / • |
| Video conversion | 22 | CVBS > Comp > HDMI |
| Analogue to HDMI scaling | 21 | > 1080p |
| HDMI to HDMI scaling | 21 | • |
| Videoprocessing | 24 | Anchor Bay (ABT2015) |
| Picture adjust / Noise reduction | | • / • |
| HDMI path though on stand-by | | • |
| 3D video pass through | 29 | • |
| Audio Return Channel | | • |
| On Screen Display: GUI / OSD | | • / - |
| GUI overlay on HDMI | 25 | • |
| Setup Wizard (ENG, GER, FR) | 25 | - |
| Variable cross over | | 10 |
| Multiroom zones | 38 | 2 |
| **INPUTS/OUTPUTS** | | |
| **VIDEO** | | |
| Composite In / Out | | 5 / 3 |
| S-Video In / Out | | - |
| Component In / Out | | 4 / 2 |
| HDMI In / Out (version x.x) | 23 | 6 / 2 (1.4a) |
| Multi-Room Video Out: Video / Component | | • / • |
| **AUDIO** | | |
| Analogue In / Out | | 8 / 2 |
| Balanced In / Out | | - / 7.2 |
| Phono (MM) In | | • |
| Digital Optical In / Out | | 3 / 1 |
| Digital Coaxial In / Out | | 2 / 0 |
| Multichannel Pre Out / Main In | | • (11.2ch) / - |
| Subwoofer Out | | • |
| 7.1 multichannel input | | • |
| **OTHER** | | |
| M-XPort for RX101 | 43 | • |
| Speaker A / B | | • (pre out) |
| Height speaker terminal | | • (pre out) |
| Bi-amp drive (5.1 ch setting) / Speaker C | | • / • |
| Marantz remote bus | 40 | • |
| IR Flasher In | 42 | 1 |
| Network: (IP-control / update) | | • / • |
| RS232C (control / update) | 39 | • |
| DC Triggers | 41 | 2 |
| Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB | 15 | • / • / • / • / • |
| USB Audio / Made for iPod / Works with iPhone | 46 | • / • / • |
| **SPECIFICATIONS** | | |
| Audio Signal to Noise Ratio | | 102 dB |
| FM Tuner | | • |
| **GENERAL** | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / - |
| Metal Front Panel | | • |
| System Remote Control | | RC011SR |
| Pre-programmed / Learnable / LCD Display | | • / • / • |
| Power Consumption in W | | 60 |
| Standby Consumption in W | 52 | 0.2 |
| Maximum Dimensions (W x D x H) in mm | | 440 x 395 x 187 |
| Weight in kg | | 11.0 |

| AV POWER AMPLIFIER | GLOSSARY | MM7055 | MM7025 |
|---|---|---|---|
| **FEATURES** | | | |
| Channels | | 5 | 2 |
| Current Feedback Topology | 2 | • | • |
| Power Transformer: Toroidal / EI | 3 | - / • | - / • |
| High Grade Audio Components | | • | • |
| Customised Components | 5 | • | • |
| Aluminium extrusion heat sink | | • | • |
| Copper plated chassis | 7 | - | - |
| **OTHER** | | | |
| Linear Drive Power Supply | | • | • |
| Input buffer amp (all inputs / CD only) | | • / - | • / - |
| Standby Mode | | • | • |
| **INPUTS/OUTPUTS** | | | |
| Balanced In / Out | | 5 / - | 2 / - |
| Pre-out / Main-in | | - / 5 | - / 2 |
| Gold Plated Cinch | | - | - |
| Speaker A / B | | - | - |
| Speaker Terminal: Screw / Marantz / WBT | | • / - / - | • / - / - |
| Number of terminals | | 5 | 2 |
| D-Bus | 40 | • | • |
| Remote Power Control (Trigger - In / Out ) | 41 | • | • |
| Flasher In / IR Receiver In | 42 | • / - | • / - |
| Headphone Out | | - | - |
| **SPECIFICATIONS** | | | |
| Power Output (8 / 4 Ohm RMS) | | 140 W / 170 W (6) | 140 W / 170 W (6) |
| Frequency Response | | 8 Hz-100 kHz (+-3 dB) | 8 Hz-100 kHz (+-3 dB) |
| Total Harmonic Distortion | | 0.03% (20 Hz - 20 kHz) | 0.03% (20 Hz - 20 kHz) |
| Damping Factor | | 100 | 100 |
| Input Sensitivity: High level | | 1.2 V / 22 K | 1.2 V / 22 K |
| Input Sensitivity: Balanced High level | | 2.4 V / 30 K | 2.4 V / 30 K |
| Signal to Noise Ratio: High level | | 105 dB | 105 dB |
| **GENERAL** | | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / - | - / - / • / - |
| Metal Front Panel | | • | • |
| Power Consumption in W | | 440 | 220 |
| Standby Consumption in W | 52 | 0.4 | 0.4 |
| Auto power off | 52 | • | • |
| Detachable Power Cable | | • | • |
| Remote Control | | - | - |
| System Remote Function | | - | - |
| Maximum Dimensions (W x D x H) in mm | | 440 x 384 x 183 | 440 x 352 x 126 |
| Weight in kg | | 15.2 | 10.5 |

* Not available in all region



# TECHNICAL DATA

| AV RECEIVER | GLOSSARY | SR7005 | SR6006 | SR5006 | NR1602 | NR1402 |
|---|---|---|---|---|---|---|
| **FEATURES** | | | | | | |
| MULTICHANNEL SURROUND | | | | | | |
| DTS HD Master / DTS 5.1 / DTS ES / DTS 96/24 | 35 / 36 | • / • / • / • | • / • / • / • | • / • / • / • | • / • / • / • | • / • / • / • |
| Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIz | 32 / 34 | • / • / • / • | • / • / • / • | • / • / • / • | • / • / • / • | • / • / • / • |
| Audyssey DSX | 37 | • | • | - | - | - |
| Multichannel Stereo | | • | • | • | • | • |
| Dolby Headphone | 33 | • | - | - | - | - |
| Compressed audio Enhancer: MDAX / MDAX2 | 18 | - / • | - / • | - / • | - / • | - / • |
| **SOUND ENHANCEMENTS** | | | | | | |
| Current Feedback Topology | 2 | • | - | - | - | - |
| Hyper Dynamic Amplifier Modules (HDAM) | 4 | • | - | - | - | - |
| High Grade Audio Components | | • | • | - | - | - |
| **NETWORK** | | | | | | |
| DLNA Certified | 47 | • (v1.5) | • (v1.5) | • (v1.5) | • (v1.5) | - |
| Network Audio: MP3 / WAV / AAC / FLAC / FLAC 96/24 / WMA | 16 | • / • / • / • / • / • | • / • / • / • / • / • | • / • / • / • / • / • | • / • / • / • / • / • | - |
| Network static video (JPEG) | | • | • | • | • | - |
| AirPlay audio streaming | | Upgrade | • | • | • | - |
| Windows 7 | 51 | • | • | • | • | - |
| Internet Radio: direct / external media player | | • / • | • / • | • / • | • / • | - |
| vTuner / Napster* / last.fm* | 48 / 49 / 50 | • / • / • | • / • / • | • / • / • | • / • / • | - |
| Ethernet | | • | • | • | • | - |
| **OTHERS** | | | | | | |
| Bluetooth audio via RX101 | 44 | optional | optional | optional | optional | optional |
| Auto speaker setup by microphone | | Audyssey MultEQ XT | Audyssey MultEQ XT + PRO | Audyssey MultEQ XT | Audyssey MultEQ | Audyssey MultEQ |
| Audyssey Dynamic EQ / Dynamic Volume | 19 / 20 | • / • | • / • | • / • | • / • | • / • |
| Video conversion | 22 | CVBS > Comp > HDMI | CVBS > Comp > HDMI | CVBS > HDMI; Comp > HDMI | CVBS > HDMI; Comp > HDMI | - |
| Analogue to HDMI scaling | 21 | > 1080p | > 1080p | - | - | - |
| HDMI to HDMI scaling | 21 | > 1080p | > 1080p | - | - | - |
| Videoprocessing | 24 | Anchor Bay (ABT2015) | ADV8002 | • | • | - |
| Picture adjust / Noise reduction | | • / • | • / • | - / - | - / - | - / - |
| HDMI path though on stand-by | | • | • | • | • | • |
| 3D video pass through | 29 | • | • | • | • | • |
| Audio Return Channel | | • | • | • | • | • |
| On Screen Display: GUI / OSD | | • / - | • / - | • / - | • / - | • / - |
| GUI overlay on HDMI | 25 | • | • | • | • | • |
| Setup Wizard (ENG, GER, FR) | 25 | - | • | • | • | • |
| Variable cross over | | • | • | • | • | • |
| Multiroom zones | 38 | 2 | 2 | 1 | 1 | - |
| **INPUTS/OUTPUTS** | | | | | | |
| **VIDEO** | | | | | | |
| Composite In / Out | | 4 / 3 | 5 / 2 | 4 / 1 | 3 / 1 | 3 / 1 |
| Component In / Out | | 4 / 2 | 2 / 1 | 2 / 1 | 2 / 1 | 2 / 1 |
| HDMI In / Out (version x.x) | 23 | 6 / 2 (1.4) | 7 / 2 (1.4) | 6 / 1 (1.4) | 4 / 1 (1.4) | 4 / 1 (1.4) |
| Multi-Room Video Out: Video / Component | | • / • | • / - | - / - | - / - | - / - |
| **AUDIO** | | | | | | |
| Analogue In / Out | | 8 / 2 | 7 / 1 | 6 / 1 | 3 / 0 | 4 / 0 |
| Phono (MM) In | | • | • | - | - | - |
| Digital Optical In / Out | | 3 / 1 | 2 / 0 | 2 / 0 | 1 / 0 | 1 / 0 |
| Digital Coaxial In / Out | | 2 / 0 | 2 / 0 | 2 / 0 | 1 / 0 | 1 / 0 |
| Multichannel Pre Out / Main In | | • (7.2) / - | • (7.2) / - | • (2.2) / - | • (2.1) / - | • (2.1) / - |
| Subwoofer Out | | 2 | 2 | 2 | 1 | 1 |
| 7.1 multichannel input | | • | • | • | - | - |
| **OTHER** | | | | | | |
| M-XPort for RX101 | 43 | • | • | • | • | • |
| Speaker A / B | | • | • | • | • | - |
| Height speaker terminal | | Speaker B or Heigth | Speaker B or Heigth | Speaker B or Heigth | Speaker B or Heigth | - |
| Bi-amp drive (5.1 ch setting) / Speaker C | | • / • | • / • | • / • | • / • | - / - |
| Multi-Room Speaker Terminal | | • | • | • | • | - |
| Marantz remote bus | 40 | • | • | • | • | • |
| IR Flasher In | 42 | • | • | • | - | - |
| Network: (IP-control / update) | | • / • | • / • | • / • | • / • | - / - |
| RS232C (control / update) | 39 | • / • | • / • | • / • | - / - | - / - |
| DC Triggers | 41 | 2 | 2 | - | - | - |
| Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB | 15 | • / • / • / • / • | • / • / - / • / • | • / • / - / - / • | • / - / - / - / • | • / - / - / - / - |
| USB Audio / Made for iPod / Works with iPhone | 46 | • / • / • | • / • / • | • / • / • | • / • / • | - / - / - |
| **SPECIFICATIONS** | | | | | | |
| Power Output (8 ohm, 20 Hz - 20 kHz, 0.08% 2ch Drive) | | 125 W | 110 W | 100 W | 50 W | 50 W |
| 70% Guarantee | 1 | • | • | • | - | - |
| Audio Signal to Noise Ratio | | 100 dB | 100 dB | 100 dB | 98 dB | 98 dB |
| FM Tuner | | • | • | • | • | • |
| **GENERAL** | | | | | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / • | - / - / • / • | - / - / • / • | - / - / • / • | - / - / • / • |
| Metal Front Panel | | • | - | - | - | - |
| System Remote Control | | RC011SR | RC014SR | RC014SR | RC014SR | RC013SR |
| Pre-programmed / Learnable / LCD Display | | • / • / • | • / • / - | • / • / - | • / • / - | • / - / - |
| Power Consumption in W | | 750 | 650 | 650 | 220 | 180 |
| Standby Consumption in W | 52 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Maximum Dimensions (W x D x H) in mm | | 440 x 406 x 185 | 440 x 389 x 161 | 440 x 389 x 161 | 440 x 367 x 105 | 440 x 367 x 105 |
| Weight in kg | | 13.0 | 11.4 | 10.6 | 8.3 | 8.2 |

* Not available in all region

# TECHNICAL DATA

| BLU-RAY & DVD PLAYERS | GLOSSARY | UD7006 | UD5005 |
|---|---|---|---|
| **FEATURES** | | | |
| Compatibility: CD / SACD / DVD / DVD-A / Blu-Ray Disc | 12 / 26 | • / • / • / • / • | • / • / • / • / • |
| 7.1 HD Audio Output | | • | - |
| Internal memory for BD-Live (1Gb) | | • | • |
| Audio / Video streaming from network | 16 / 31 | • | • |
| Audio exclusive mode | 9 | • | • |
| Quick Start Mode | | • | • |
| Video Scaling on HDMI: up to 1080P | 21 | • | • |
| 3D video support | 29 | • | • |
| Compressed Audio Compatibility: WMA / MP3 | | • / • | • / • |
| **MULTICHANNEL/SURROUND** | | | |
| Decoder: Dolby Digital Plus / Dolby TrueHD / DTS HD | 32 / 35 | • / • / • | • / • / • |
| Decoder: DD / DTS / DTS96/24 / SACD | | • / • / • / • | • / • / • / • |
| Multi Channel Down Mix: DD / DTS / SA-CD | 40 | • / • / • | • / • / • |
| Virtual surround | | • | • |
| **AUDIO/VIDEO ENHANCEMENTS** | | | |
| CD Compatibility: CD / CD-R/RW / HDCD / SA-CD | 12 | • / • / - / • | • / • / - / • |
| DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW | | • / • / • / • / • | • / • / • / • / • |
| AVCHD / DivX HD / DivX6 / DivX Ultra / DivX plus HD | 30 | • / • / • / - / • | • / • / • / - / • |
| MP3 / WMA from: CD / DVD / USB | | • / • / • | • / • / • |
| Image Disc Compatibility: JPEG / JPEG HD / Picture CD | | • / - / • | • / - / • |
| High Grade Audio Components | | • | • |
| System block shielding: Copper plated / Metal / none | | - / • / - | - / • / - |
| Additional top cover sheet | | • | - |
| Bass-Management (SA-CD / DVD-A) | | • (analogue only) | - |
| Gold Plated Cinch | | • | - |
| **OTHERS** | | | |
| CEC | | • | • |
| True 24 Frames Per Second (FPS) | 28 | • | • |
| HDMI video adjustments | | • | • |
| Selectable HDMI output level (normal / expand) | | • (RGB) | - |
| **NETWORK** | | | |
| DLNA Certified | 47 | • (v1.5) | • (v1.5) |
| Network Audio: MP3 / WMA / AAC / FLAC / WAV | 16 | • / • / • / - / • | • / • / • / - / • |
| Network static video (JPEG) | | • | • |
| Network Video: MPEG / DivX / H.264 / WMV | | • / • / • / • | • / • / • / • |
| Online contents service (YouTube) | | Upgrade | Upgrade |
| **INPUTS/OUTPUTS** | | | |
| **VIDEO** | | | |
| Composite / S-Video / Component | | • / - / • | • / - / • |
| HDMI (version x.x) | 23 | 1.4 | 1.4 |
| **AUDIO** | | | |
| Analogue Out: 2ch / 5.1ch / 7.1ch (Cinch) | | • / • / • | • / - / - |
| Digital Out: Coax/ Optical | | • / - | • / - |
| **OTHER** | | | |
| USB | 15 | • | • |
| Ethernet | | • | • |
| D.Bus | 40 | • | • |
| Flasher IN / OUT | 42 | • / - | • / - |
| RS232 | 39 | • | - |
| **SPECIFICATIONS** | | | |
| D/A convertion (video) | | 297 MHz / 12-bit | - |
| D/A converter chip (video) | | ADV7340 | - |
| D/A convertion (audio) | | 192 kHz / 32-bit | 192 kHz / 24-bit |
| D/A converter chip (audio) | | PCM1795 | PCM1781 |
| Video processing | 24 | ABT2015 | - |
| Frequency response CD (linear PCM) | | 2 Hz to 20 kHz | 2 Hz to 20 kHz |
| Frequency response (SACD, DVD-A) | | 2 Hz - 100 kHz (SA-CD) | 2 Hz - 40 kHz (SA-CD) |
| Signal to Noise Ratio | | 120 dB | 115 dB |
| Dynamic Range: CD / DVD | | 105 dB | 100 dB |
| Total Harmonic Distortion (THD) | | 0,0020% | 0,0025% |
| **GENERAL** | | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / • | - / - / • / • |
| Metal Front Panel | | • | • |
| Remote Control | | RC005UD | RC005UD |
| Power Consumption in W | | 40 | 27 |
| Standby Consumption in W | 52 | 0.3 | 0.3 |
| Maximum Dimensions (W x D x H) in mm | | 440 x 331 x 107 | 440 x 331 x 107 |
| Weight in kg | | 5.1 | 4.3 |

SR7005

SR6006

SR5006

NR1602

NR1402



# TECHNICAL DATA

| CD RECEIVER | GLOSSARY | M-CR603 MELODY MEDIA | M-CR503 MELODY MUSIC |
|---|---|---|---|
| **FEATURES** | | | |
| High quality power output | | 2 x 60 W | 2 x 60 W |
| CD Compatibility: CD / CD-R/RW / WMA / MP3 | | • / • / • / • | • / • / • / • |
| Tuner: DAB / DAB+ / DMB-A / FM (RDS) / AM | | • / • / - / • / • | - / - / - / • / • |
| Streaming audio from PC | 16 | • | - |
| Internet radio | | • | - |
| AirPlay audio streaming | | Upgrade | - |
| Windows 7 | 51 | • | - |
| vTuner / Napster* / last.fm* | 48/49/50 | • / • / • | - |
| USB Audio (Front ) / Made for iPod / Works with iPhone | 15 / 46 | • / • / • | • / • / • |
| DLNA certified | 47 | • (v1.5) | - |
| Compatible streaming file types: MP3 / WMA / AAC / LPCM / WAV / FLAC | | • / • / • / • / • | - / - / - / - / - |
| Control: Web / iPhone App / iTouch App | | • / Marantz Wizz App | - |
| Bluetooth Audio A2DP (RX101) | 44 | optional | optional |
| Auto Tuning | | • | • |
| Presets | | 99 | 99 |
| Tone Control: Bass / Treble / Balance | | • / • / • | • / • / • |
| Clock | | • | • |
| Sleep Timer | | • | • |
| Programmable Timer: Once/Daily/Weekday | | • / • / - | • / • / - |
| **INPUTS/OUTPUTS** | | | |
| **AUDIO** | | | |
| Analogue In/out | | 3 / 1 | 2 / 1 |
| Digital Optical In/Out | | • / - | - / - |
| **OTHER** | | | |
| AUX-input (Front) | | 1 | 1 |
| M-XPort for RX101 | 43 | • | • |
| iPod / iPhone compatible USB input (front) | 46 | • | • |
| Subwoofer PreOut | | • | • |
| Speaker Terminal: click fit / Screw | | - / • | - / • |
| Headphone Out | | • | • |
| iPod input (direct / docking station) | | • / • | • / • |
| Speaker A / B | | • | • |
| Bi-amping | | • | • |
| Powered multi-room for one extra room | | • | • |
| **SPECIFICATIONS** | | | |
| **AUDIO SECTION** | | | |
| Power Output (6 ohm, 1kHz) | | 60 W | 60 W |
| Number of channels | | 2 | 2 |
| Freq. Response (Analogue In) | | 5 Hz - 22 kHz | 5 Hz - 22 kHz |
| Signal to Noise Ratio (audio) | | 86 dB | 86 dB |
| Total Harmonic Distortion (audio) | | 0,05% | 0,05% |
| **DAB SECTION** | | | |
| Receiving Range (Band III / Band L) | | • / - | - |
| Signal to Noise Ratio DAB (Mono/Stereo) | | 90 dB | - |
| Total Harmonic Distortion DAB | | 0.02% | - |
| Frequency response DAB | | 20Hz - 20 kHz | - |
| Stereo Separation DAB | | 75 dB | - |
| **TUNER SECTION FM** | | | |
| Frequency Range FM | | 87.5 - 108 MHz | 87.5 - 108 MHz |
| Signal to Noise Ratio (Mono/Stereo) FM | | 65 / 60 dB | 65 / 60 dB |
| Total Harmonic Distortion (Mono/Stereo) FM | | 0.8 / 1.0% | 0.8 / 1.0% |
| **GENERAL** | | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / • | - / - / - / • |
| Metal Front Panel | | • | • |
| Remote Control | | RC009CR | RC008CR |
| Power Consumption in W | | 50 | 50 |
| Standby Consumption in W | 52 | 0.4 | 0.4 |
| DAB antenna included | | • | - |
| Maximum Dimensions (W x D x H) in mm | | 280 x 302 x 111 | 280 x 302 x 111 |
| Weight in kg | | 4.3 | 4.1 |

| BD RECEIVER | GLOSSARY | M-ER803 MELODY MOVIE |
|---|---|---|
| **FEATURES** | | |
| High quality power output | | 2 x 70 W |
| Compatibility: CD / DVD / Blu-Ray Disc | 26 | • / • / • |
| Broadcast bands: DAB / FM / MW / LW | | - / • / • / - |
| USB Audio / Made for iPod / Works with iPhone | 15 / 46 | • / • / • |
| **VIDEO / AUDIO** | | |
| BD-Live | 27 | • |
| HDMI version x.x | 23 | 1.3a |
| DVD up-scaling | 21 | >1080p |
| True 24 Frames Per Second (FPS) | 28 | • |
| GUI | | • |
| Pure Direct | 9 | • |
| Tone Control: Bass / Treble / Balance | | • / • / - |
| Multi Channel Down Mix | 40 | • |
| Virtual surround | 35 | • |
| MP3, WMA, JPEG from: CD / DVD / USB | | • / - / • |
| **TUNER** | | |
| Auto Tuning | | • |
| Presets | | 40 |
| RDS: PTY / PS / RT | | • / • / • |
| Clock | | • |
| Sleep Timer | | • |
| Programmable Timer: Once / Daily / Weekday | | • / • / - |
| **AUDIO/VIDEO COMPATIBILITY** | | |
| CD Compatibility: CD / CD-R/RW | | • / • |
| DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW | | • / - / • / • / - |
| AVCHD / DivX HD / DivX6 / DivX Ultra / Xvid (.avi) / MPEG-4 | 30 | • / - / - / - / • / • |
| **INPUTS/OUTPUTS** | | |
| **VIDEO** | | |
| Composite Out | | • |
| HDMI Out (version x.x) | 23 | • (1.3a) |
| **AUDIO** | | |
| Analogue In / Out | | 3 / - |
| AUX In (Front) | | • |
| Analogue Out: 2ch / 5.1ch / 7.1ch (Cinch) | | • / - / - |
| M-XPort for RX101 | 43 | • |
| Subwoofer Out | | • |
| Headphone Out | | • |
| **OTHER** | | |
| USB Audio(Front ) / Made for iPod / Works with iPhone | 46 | • / • / • |
| USB input for BD-Live (back) | | • |
| Ethernet (BD-Live / update) | | • / - |
| D-Bus | 40 | - |
| **SPECIFICATIONS** | | |
| **AUDIO SECTION** | | |
| Power Output (6 ohm, 1kHz) | | 70 W |
| Number of channels | | 2 |
| Freq. Response (Analogue In) | | 5Hz-20kHz |
| Signal to Noise Ratio (audio) | | 90 dB |
| Total Harmonic Distortion (audio) | | 0.03% |
| **TUNER SECTION FM** | | |
| Frequency Range FM | | 87.5 - 108 MHz |
| Signal to Noise Ratio (Mono/Stereo) FM | | 65 dB / 60 dB |
| Total Harmonic Distortion (Mono/Stereo) FM | | na |
| **TUNER SECTION AM** | | |
| Frequency Range AM | | 522 - 1620 kHz |
| Signal to Noise Ratio AM | | 45 dB |
| **GENERAL** | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / - |
| Metal Front Panel | | - |
| Remote Control | | RC001ER |
| Power Consumption in W | | 67 |
| Standby Consumption in W | 52 | 0.5 |
| Maximum Dimensions (W x D x H) in mm | | 280 x 302 x 111 |
| Weight in kg | | 5.0 |

# TECHNICAL DATA

| INTEGRATED + CONTROL AMPLIFIER | GLOSSARY | PM-KI PEARL LITE | PM7004 | PM6004 | PM5004 |
|---|---|---|---|---|---|
| **FEATURES** | | | | | |
| Channels | | 2 | 2 | 2 | 2 |
| Current Feedback Topology | 2 | • | • | • | • |
| Phono EQ: Standard / Current Feedback / Constant Current Feedback | | - / - / • | • / - / - | • / - / - | • / - / - |
| HDAM version | 4 | SA3 | SA3 | SA3 | SA3 |
| Power Transformer: Toroidal / EI | 3 | • / - | - / • | • / - | - / • |
| High Grade Audio Components | | • | • | • | • |
| Customised Components | 5 | • | • | • | - |
| Symmetric PCB Layout | 6 | • | • | - | - |
| Aluminium extrusion heat sink | | • | • | • | - |
| Copper plated chassis | 7 | • | - | - | - |
| Tri Tone Control (Bass / Mid / Treble) | 10 | • | • | - | - |
| Balance / Bass / Treble / Loudness | | • / • / • / - | • / • / • / - | • / • / • / • | • / • / • / • |
| **OTHER** | | | | | |
| Linear Drive Power Supply | | • | • | • | • |
| CCNE | | • | • | - | - |
| Shottky diodes | | • | • | • | - |
| Input buffer amp (all inputs / CD only) | | • / - | • / - | - / - | • / - |
| Solid Heat Sinks | | • | • | • | - |
| System block shielding: Copper / metal / none | | - / - / • | - / - / • | - / - / • | - / - / • |
| Double Layer Bottom Plate | | • | - | - | - |
| Source Direct | 9 | • | • | • | • |
| Power Amp direct | 11 | • | • | - | - |
| Standby Mode | | • | • | • | • |
| **INPUTS/OUTPUTS** | | | | | |
| Audio Inputs | | 6 | 6 | 6 | 6 |
| Phono Input: MM / MC | | • / - | • / - | • / - | • / - |
| Audio Outputs | | 2 | 2 | 2 | 2 |
| Balanced In / Out | | - / - | - / - | - / - | - / - |
| Pre-out / Main-in | | 1 / - | 1 / - | - / - | - / - |
| Power Amp Direct IN | | • | • | - | - |
| Gold Plated Cinch | | • | CD | • | - |
| Speaker A / B | | • | • | • | • |
| Speaker Terminals | | Marantz Original Metal Screw | Marantz Original Screw | Metal (Gold) Screw | Transparent Screw |
| Number of terminals | | 4 | 4 | 4 | 4 |
| D-Bus | 40 | • | • | • | • |
| Floating Control Bus (3.5 mm mono jack x 2) | | - | - | - | - |
| Headphone Out | | • | • | • | • |
| iPod input (direct / docking station) | | - / • | - / • | - / • | - / • |
| **SPECIFICATIONS** | | | | | |
| Power Output (8 / 4 Ohm RMS) | | 70 W / 100 W | 70 W / 100 W | 45 W / 60 W | 40 W / 55 W |
| Power Output (8 / 4 Ohm DIN) | | - / - | - / - | - / - | 45 W / 60 W |
| Power Output (8 / 4 Ohm IHF) | | - / - | - / - | - / - | 55 W / 80 W |
| Bridged Power Output (8 Ohm RMS) | | - | - | - | - |
| Frequency Response | | 5 Hz-100 kHz | 5 Hz-100 kHz | 10 Hz - 70 kHz | 10 Hz - 50 kHz |
| Total Harmonic Distortion | | 0.02 % | 0.02 % | 0.05 % | 0.05 % |
| Damping Factor | | 100 | 100 | 100 | 100 |
| Input Sensitivity: MM | | 2 mV / 47 kOhm | 2 mV / 47 kOhm | 2 mV / 47 kOhm | 2 mV / 47 kOhm |
| Input Sensitivity: MC | | - | - | - | - |
| Signal to Noise Ratio: MM / MC | | 87 dB / - | 85 dB / - | 84 dB / - | 83 dB / - |
| Input Sensitivity: High level | | 200 mV / 20 kOhm | 200 mV / 20 kOhm | 200 mV / 20 kOhm | 200 mV / 20 kOhm |
| Input Sensitivity: Balanced High level | | - | - | - | - |
| Signal to Noise Ratio: High level | | 106dB(2V input) | 104dB(2V input) | 103dB(2V input) | 103dB(2V input) |
| Input Sensitivity: Power Amp Direct IN | | 1.6V / 16 kOhm | 1.6V / 16 kOhm | - | - |
| Signal to Noise Ratio: Power Amp Direct IN | | 125 dB | 125 dB | - | - |
| **GENERAL** | | | | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / • | - / - / • / • | - / - / • / • | - / - / • / • |
| Metal Front Panel | | • | • | • | • |
| Power Consumption in W | | 200 | 200 | 150 | 110 |
| Standby Consumption in W | 52 | 0.3 | 0.3 | 0,2 | 0,4 |
| Auto power off | 52 | • | • | • | - |
| Detachable Power Cable | | • | • | • | • |
| Remote Control | | RC003PM | RC003PM | RC003PM | RC003PM |
| System Remote Function | | • | • | • | • |
| Maximum Dimensions (W x D x H) in mm | | 440 x 379 x 129 | 440 x 365 x 127 | 440 x 366 x 105 | 440 x 369 x 105 |
| Weight in kg | | 12.0 | 10.5 | 7.5 | 6.7 |

RC003PM



# TECHNICAL DATA

| SACD + CD PLAYER | GLOSSARY | SA-KI PEARL LITE | SA7003 | CD6004 | CD5004 |
|---|---|---|---|---|---|
| **FEATURES** | | | | | |
| CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC | 12 | • / • / • / • / • / - | • / • / • / • / • / - | • / • / - / • / • / • | • / • / - / • / • / - |
| CD-Text / SA-CD Text / ID3 Tag / WMA Meta Tag / AAC Meta data | | - / - / • / • / - | - / - / • / • / - | • / - / • / • / • | • / - / • / • / - |
| iPod / iPhone compatible USB input | 46 | • | - | • | - |
| DAC operation mode: USB / Coax / Optical | 17 | • / • / • | - / - / - | - / - / - | - / - / - |
| HDAM version | 4 | HDAM+HDAM SA2 | HDAM+HDAM SA2 | HDAM+HDAM SA2 | SA2 |
| Power Transformer: Toroidal / EI | 3 | • / - | - / • | - / • | - / • |
| High Grade Audio Components | | • | • | • | • |
| Customised Components | 5 | • | • | • | - |
| Symmetric circuit layout | 6 | • | • | • | • |
| Copper plated chassis | 7 | • | - | - | - |
| Extra metal plate for chassis strengthing | | • | - | • | - |
| Digital out off / Audio EX Mode | 9 | • / - | • / - | • / • | • / • |
| Headphone: Standard / Buffer / Current feedback | | - / • (OP amp + Buffer) / - | - / • (OP amp + Buffer) / - | - / • (HDAM-SA2)/ - | - / • (OP amp + Buffer) / - |
| **OTHER** | | | | | |
| Zero Impedance Matching joint (copper) | 8 | • | - | - | - |
| Separated rectifier circuit for analogue and digital circuitry | | • | • | • | • |
| System block shielding: Copper / metal / none | | - / - / • | - / - / • | - / - / • | - / - / • |
| Display: Dimmer / Off | | • / • | • / • | • / • | - / • |
| **PLAYBACK** | | | | | |
| Program Play (CD) | | 24 | 24 | 30 | 30 |
| Auto Music Scan (AMS) | | • | • | • | • |
| Repeat | | • | • | • | • |
| Random Play | | • | • | • | • |
| Peak Search | | - | - | - | • |
| Edit Recording | | - | - | - | • |
| Pitch Control | | - | - | - | • |
| Start Sound Mode for SA-CD | | • | • | - | - |
| Quick Replay | | - | - | • (5-60sec.) | • (5-60sec.) |
| **INPUTS/OUTPUTS** | | | | | |
| Analogue Out (Cinch) | | 2ch | 2ch | 2ch | 2ch |
| Balanced Out | | - | - | - | - |
| Digital Optical In / Out | | 1 / 1 | - / 1 | - / 1 | - / 1 |
| Digital Coaxial In / Out | | 1 / 1 | - / 1 | - / 1 | - / 1 |
| Sample Rate digital In | | 192 kHz / 24-bit | - | - | - |
| Gold plated Cinch | | • | • | • | • |
| USB Audio (Front ) / Made for iPod / Works with iPhone | 46 | • / • / • | - / - / - | • / • / • | - / - / - |
| USB type B input for PC (back) | 15 | • | - | - | - |
| Sample Rate USB type B In | | 96 kHz / 24-bit | - | - | - |
| D-Bus | 40 | • | • | • | • |
| Headphone Out | | • | • | • | • |
| Headphone Volume Control | | • | • | • | • |
| **SPECIFICATIONS** | | | | | |
| Mechanism | 13 | XYRON | XYRON | DV11VF | DV11VF |
| Decoder | | MT1389EE | MT1389EE | TA94A92FG | TC94A70FG |
| D/A Conversion | | Multi-bit, Delta-Sigma | Multi-bit, Delta-Sigma | Multi-bit, Delta-Sigma | Multi-bit, Delta-Sigma |
| DAC IC | | CS4398 | CS4398 | CS4398 | CS4392 |
| Digital Filter | | CS4398 | CS4398 | CS4398 | CS4392 |
| Noise Shaper | | CS4398 | CS4398 | CS4398 | CS4392 |
| Low Pass Filter stage | | HDAM | HDAM | HDAM | NJM2068 |
| Output Buffer | | HDAM SA2 | HDAM SA2 | HDAM SA2 | HDAM SA2 |
| Headphone amp | | NJM2114 | NJM4560 | HDAM-SA2+Buffer | NJM2068 |
| **SA-CD AUDIO** | | | | | |
| Frequency Response (Cust.) | | 2 Hz - 50 kHz | 2 Hz - 50 kHz | - | - |
| Dynamic Range (SA) | | 112 dB | 112 dB | - | - |
| Signal to Noise Ratio (SA) | | 110 dB | 110 dB | - | - |
| Total Harmonic Distortion (SA) | | 0,002% | 0,002% | - | - |
| Channel Separation (SA) | | 110 | 110 | - | - |
| **CDDA AUDIO** | | | | | |
| Frequency Response | | 2 Hz - 20 kHz | 2 Hz - 20 kHz | 2 Hz - 20 kHz | 20 Hz - 20 kHz |
| Dynamic Range | | 100 dB | 100 dB | 100 dB | 100 dB |
| Signal to Noise Ratio | | 110 dB | 110 dB | 110 dB | 110 dB |
| Total Harmonic Distortion | | 0,002% | 0,002% | 0,002% | 0,002% |
| Channel Separation | | 100 dB | 100 dB | 110 dB | 110 dB |
| **GENERAL** | | | | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / • | - / - / • / • | - / - / • / • | - / - / • / • |
| Metal Front Panel | | • | • | • | • |
| Remote Control | | RC004SA | RC002SA | RC004CD | RC002CD |
| Power Consumption in W | | 25 | 25 | 32 | 14 |
| Standby Consumption in W | 52 | 0.3 | 0.5 | 0.3 | 0.4 |
| Auto power off | 52 | • | - | • | - |
| Detachable Power Cable | | • | • | • | • |
| Maximum Dimensions (W x D x H) in mm | | 440 x 344 x 109 | 440 x 339 x 107 | 440 x 339 x 106 | 440 x 340 x 105 |
| Weight in kg | | 7.8 | 5.9 | 7.0 | 5.1 |

RC004SA

# TECHNICAL DATA

## NETWORK AUDIO PLAYER

| | GLOSSARY | NA7004 |
|---|---|---|
| **FEATURES** | | |
| Streaming audio from PC | 16 | • |
| Internet radio | | • |
| AirPlay audio streaming | | Upgrade |
| Windows 7 | 51 | • |
| vTuner / Napster* / last.fm* | 48/49/50 | • / • / • |
| Tuner: DAB / DAB+ / DMB-A / FM (RDS) / AM | | • / • / - / • / • |
| USB Audio (Front ) / Made for iPod / Works with iPhone | | • / • / • |
| DAC operation mode: USB B type / Coax / Optical | 17 | • / • / • |
| DLNA certified | 47 | o (v1.5) |
| Compatible file types: MP3 / WMA / AAC / WAV / FLAC | | • / • / • / • / • |
| Control: Web / iPhone App / iTouch App | | • / Marantz Wizz App |
| HDAM version | 4 | HDAM + HDAM SA2 |
| Power Transformer: Toroidal / EI | | - / • (shielded) |
| High Grade Audio Components | | • |
| Customized Components | 5 | • |
| Symmetric circuit layout | 6 | • |
| **OTHER** | | |
| Copper plated chassis | 7 | - |
| Extra metal plate for chassis strengthing | | • |
| Headphone: Standard / Buffer / Current feedback | | - / • / - |
| Display: Dimmer / Off | | • / • |
| Sleep / Timer | | • / - |
| **IN/OUTPUTS** | | |
| iPod / iPhone compatible USB (front) | 46 | • |
| USB type B input for PC (back) | 15 | • |
| Sample Rate USB In | | 96 kHz / 24-bit |
| Analogue Out | | 1 |
| Ethernet port | | • |
| DMB-A terminal | | - |
| DAB terminal (1F) | | • |
| FM Antenna | | • |
| Digital Inputs: Coaxial / Optical | | • / • |
| Digital Outputs: Coaxial / Optical | | • / • |
| Sample Rate digital In | | 192 kHz / 24-bit |
| M-XPort for RX101 | 43 | • |
| Marantz remote bus | 40 | • |
| RS232 | 39 | • |
| **SPECIFICATIONS** | | |
| D/A Conversion | | Multi-bit, Delta-Sigma |
| DAC IC | | CS4398 |
| Digital Filter | | CS4398 |
| Noise Shaper | | CS4398 |
| Low Pass Filter stage | | HDAM SA2 |
| Output Buffer | | HDAM SA2 |
| Headphone amp | | NJM2068 |
| **DAB SECTION** | | |
| Receiving Range (Band III / Band L) | | • / - |
| Signal to Noise Ratio DAB (Mono/Stereo) | | 90 dB |
| Total Harmonic Distortion DAB | | 0.02% |
| Frequency response DAB | | 20 Hz - 20 kHz |
| Stereo Separation DAB | | 75 dB |
| **TUNER SECTION FM** | | |
| Frequency Range | | 87.5 - 108 MHz |
| Signal to Noise Ratio (Mono / Stereo) | | 65 / 60 dB |
| Total Harmonic Distortion (Mono / Stereo) | | 0.8 / 1.0% |
| Frequency response | | 50 Hz - 15 kHz |
| Channel Selectivity (FM) | | 50 dB |
| Usable Sensitivity | | IHF 1.8 µV / 16.4 dBf |
| Stereo Separation | | 42dB |
| **GENERAL** | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / • |
| Metal Front Panel | | • |
| Remote Control | | RC001NA |
| Power Consumption in W | | 23 |
| Standby Consumption in W | 52 | 0.4 |
| Detachable Power Cable | | • |
| Maximum Dimensions (W x D x H) in mm | | 440 x 106 x 353 |
| Weight in kg | | 6.5 |

## CD CHANGER

| | GLOSSARY | CC4003 |
|---|---|---|
| **FEATURES** | | |
| Disc Capacity | | 5 |
| CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC | 12 | • / • / - / • / • / - |
| Power Transformer: Toroidal / EI | 3 | - / • |
| High Grade Audio Components | | • |
| Headphone: Standard / Buffer / Current feedback | | • / - / - |
| **OTHER** | | |
| System block shielding: Copper / metal / none | | - / - / • |
| Display: Dimmer / Off | | • / - |
| **PLAYBACK** | | |
| Program Play | | 50 |
| Auto Music Scan (AMS) | | - |
| Repeat | | • |
| Random Play | | • |
| Peak Search | | - |
| Edit Recording | | - |
| Pitch Control | | - |
| Start Sound Mode for SA-CD | | - |
| Quick Replay | | - |
| **INPUTS/OUTPUTS** | | |
| Analogue Out (Cinch) | | 2ch |
| Gold plated Cinch | | • |
| USB Audio (Front ) / Made for iPod / Works with iPhone | 46 | - |
| D-Bus | 40 | • |
| RS232 | 39 | • |
| Headphone Out | | • |
| Headphone Volume Control | | • |
| Flasher In | 42 | • |
| **SPECIFICATIONS** | | |
| Mechanism | 13 | DA11VF |
| Decoder | | CDX3059 |
| D/A Conversion | | Multi-bit, Delta-Sigma |
| DAC IC | | CS4392 |
| Digital Filter | | CS4392 |
| Noise Shaper | | - |
| Low Pass Filter stage | | NJM2068 |
| Output Buffer | | - |
| Headphone amp | | NJM4556 |
| **CDDA AUDIO** | | |
| Frequency Response | | 20 Hz - 20 kHz |
| Dynamic Range | | 100 dB |
| Signal to Noise Ratio | | 112 dB |
| Total Harmonic Distortion | | 0,0027% |
| Channel Separation | | 98 dB |
| **GENERAL** | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / - |
| Metal Front Panel | | • |
| Remote Control | | RC003CD |
| Power Consumption in W | | 18 |
| Standby Consumption in W | 52 | < 0.5 |
| Auto power off | 52 | - |
| Detachable Power Cable | | • |
| Maximum Dimensions (W x D x H) in mm | | 440 x 404 x 114 |
| Weight in kg | | 7.0 |



# TECHNICAL DATA

## STEREO RECEIVER

| | GLOSSARY | SR5023 |
|---|---|---|
| **AMPLIFIER FEATURES** | | |
| Linear Drive Power Supply | | • |
| Power Transformer: Toroidal / EI | 3 | - / • |
| HDAM version | 4 | - |
| Symmetric PCB Layout | | • |
| Balance / Bass / Treble / Loudness | | - / • / • / - |
| Source Direct | 9 | • |
| Speaker A / B | | - |
| Phono EQ | | • |
| Standby Mode | | • |
| Full dot matrix display | | • |
| Display Off | | • |
| Display dimmer | | • |
| **TUNER FEATURES** | | |
| Tuner: FM / MW / LW | | • / • / - |
| Presets | | 50 (FM / AM) |
| Auto Tuning | | • |
| RDS: PTY / PS / RT | | • / • / • |
| Station Naming | | • |
| Sleep / Timer | | • / - |
| **INPUTS/OUTPUTS** | | |
| Audio Inputs | | 6 |
| Phono Input: MM / MC | | • / - |
| Audio Outputs | | 1 |
| Pre-out / Main-in | | - |
| Subwoofer out | | • |
| FM Antenna | | • |
| AM Antenna | | • |
| D-Bus In/Out | 40 | • / • |
| Speaker Terminal: Screw / Marantz / WBT | | • / - / - |
| AC Outlets (Not for UK Model) | | • |
| Headphone Out | | • |
| iPod input (direct / docking station) | | - / • |
| **SPECIFICATIONS** | | |
| Power Output (8 / 6 Ohm RMS) | | 80 / 100 W |
| Frequency Response | | 10 Hz - 50 kHz |
| Total Harmonic Distortion | | 0,08% |
| Damping Factor | | 100 |
| Input Sensitivity: MM | | 2.5 mV / 47 kohm |
| Signal to Noise Ratio MM / MC | | 83 dB / - |
| Input Sensitivity: High level | | 200 mV / 20 kohm |
| Signal to Noise Ratio High Level | | 95 dB |
| **GENERAL** | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / • |
| Metal Front Panel | | • |
| Remote Control | | RC002SR |
| System Remote Function | | • |
| Power Consumption in W | | 150 |
| Standby Consumption in W | 52 | 0.4 |
| Detachable Power Cable | | • |
| Maximum Dimensions (W x D x H) in mm | | 440 x 367 x 105 |
| Weight in kg | | 7.8 |

## TUNER

| | GLOSSARY | ST6003 |
|---|---|---|
| **FEATURES** | | |
| Tuner: DAB / DAB+ / FM / MW | | - / - / • / • |
| Customised Components | 5 | • |
| Presets | | 50 (FM / AM) |
| Auto Tuning | | • |
| RDS: PTY / PS / RT | | • / • / • |
| Full dot matrix display | | • |
| Sleep / Timer | | • / - |
| Display dimmer (via external RC) | | • |
| Triple IR-code | | • |
| **INPUTS/OUTPUTS** | | |
| Analogue Out | | 1 |
| D-Bus | 40 | • |
| FM Antenna | | 1 |
| AM Antenna | | 1 |
| **SPECIFICATIONS** | | |
| **TUNER SECTION FM** | | |
| Frequency Range | | 87.5 - 108 MHz |
| Signal to Noise Ratio (Mono / Stereo) | | 75 / 70 dB |
| Total Harmonic Distortion (Mono / Stereo) | | 0.2 / 0.3 % |
| Frequency response | | 50 Hz - 15 kHz |
| Channel Selectivity (FM) | | 60 dB |
| Usable Sensitivity | | IHF 1.8 µV / 16.4 dBf |
| Stereo Separation | | 45 dB (1 kHz, Stereo) |
| **TUNER SECTION AM** | | |
| Frequency Range: MW / LW | | 531 - 1602 kHz / - |
| Signal to Noise Ratio: MW / LW | | 50 dB / - |
| **GENERAL** | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | - / - / • / • |
| Metal Front Panel | | • |
| Power Consumption in W | | 9 |
| Standby Consumption in W | 52 | 0.4 |
| Detachable Power Cable | | • |
| Maximum Dimensions (W x D x H) in mm | | 440 x 341 x 104.5 |
| Weight in kg | | 4.1 |

## TURNTABLE

| | GLOSSARY | TT-15S1 | TT42 |
|---|---|---|---|
| **FEATURES** | | | |
| Motor: AC / DC | | • / - | - / • |
| Drive System: Belt / Direct | | • / - | • / - |
| Bearing: Ceramic / Metal | | • / - | - / • |
| Operation: Automatic / Manual | | - / • | • / - |
| Speed: 33-1/3 & 45 RPM | | • / • | • / • |
| Stylus (MM / MC) | | • / - | • / - |
| Stylus version | | Marantz Virtuoso Ebony | DN251S |
| Belt: Rubber / Silicon | | - / • | • / - |
| **SPECIFICATIONS** | | | |
| Rated Output | | 3 mV / 1 kHz | 4 mV / 1 kHz |
| Frequency Range | | 20 Hz - 20 kHz | 20 Hz - 18 kHz |
| S/N ratio | | 80 dB | 65 dB |
| **GENERAL** | | | |
| Clever clamp | | • | - |
| Available colors: Black / White | | - / • | • / - |
| Maximum Dimensions (W x D x H) in mm | | 440 x 350 x 110 | 420 x 360 x 137 |
| Weight in kg | | 8.9 | 5.4 |

# TECHNICAL DATA

| PREMIUM AMPLIFIERS | GLOSSARY | PM-11S2 | PM-15S2 / PM-15S2 L |
|---|---|---|---|
| **FEATURES** | | | |
| Channels | | 2 | 2 |
| Current Feedback Topology | 2 | • | • |
| Phono EQ: Standard / Current Feedback / Constant Current Feedback | | - / - / • | - / - / • |
| HDAM version | 4 | SA3 | SA3, SA2 |
| Power Transformer: Toroidal / EI | 3 | • / - | • / - |
| High Grade Audio Components | | • | • |
| Customised Components | 5 | • | • |
| Symmetric PCB Layout | 6 | • | • |
| Aluminium extrusion heat sink | | • | • |
| Copper plated chassis | 7 | • | - |
| Balance / Bass / Treble / Loudness | | • / • / • / - | • / • / • / - |
| **OTHER** | | | |
| Linear Drive Power Supply | | • | • |
| CCNE | | • | • |
| Liniear volume control | | • | • |
| BI-AMP and Multichannel option | | • | • |
| Choke input | | • | - |
| Shottky diodes | | • | • |
| Input buffer amp (all inputs / CD only) | | • / - | • / - |
| Solid Heat Sinks | | • (Separate) | • (Separate) |
| System block shielding: Copper / metal / none | | • / - / - | - / • / - |
| Double Layer Bottom Plate | | • | • |
| Low noise LCD display | | • | • |
| Power Meter: Analog / Digital | | - / - | - / - |
| Source Direct | 9 | • | • |
| Power Amp direct | 11 | - | • |
| Standby Mode | | - | - |
| 5mm aluminium top plate | | • | - |
| **INPUTS/OUTPUTS** | | | |
| Audio Inputs | | 6 | 6 |
| Phono Input: MM / MC | | • / • | • / • |
| Audio Outputs | | 2 | 2 |
| Balanced In / Out | | 1 / - | - / - |
| Pre-out / Main-in | | 1 / - | 1 / - |
| Power Amp Direct IN | | - | • |
| Gold Plated Cinch | | • | • |
| Speaker A / B | | • | - |
| Speaker Terminals: | | WBT | WBT |
| Number of terminals | | 4 | 2 |
| D-Bus | 40 | - | - |
| Floating Control Bus (3.5 mm mono jack x 2) | | • | • |
| Headphone Out | | • | • |
| iPod input (direct / docking station) | | - / • | - / • |
| **SPECIFICATIONS** | | | |
| Power Output (8 / 4 Ohm RMS) | | 100 W / 200 W | 90 W / 140 W |
| Power Output (8 / 4 Ohm DIN) | | 120 W / 210 W | 95 W / 155 W |
| Power Output (8 / 4 Ohm IHF) | | 140 W / 260 W | 100 W / 160 W |
| Bridged Power Output (8 Ohm RMS) | | - | - |
| Frequency Response | | 5 Hz - 100kHz | 5 Hz - 100kHz |
| Total Harmonic Distortion | | 0.01 % | 0.05 % |
| Damping Factor | | 100 | 100 |
| Input Sensitivity: MM | | 2.5 mV / 47 kohm | 2.7 mV / 47 kohm |
| Input Sensitivity: MC | | 270 µV / 100 ohm | 270 µV / 100 ohm |
| Signal to Noise Ratio: MM / MC | | 89 / 78 dB | 86 dB / 75 dB |
| Input Sensitivity: High level | | 240 mV / 20 kohm | 240 mV / 20 kohm |
| Input Sensitivity: Balanced High level | | 480 mV / 40 kohm | - |
| Signal to Noise Ratio: High level | | 96 dB(500mV input) | 89 dB(500mV input) |
| Input Sensitivity: Power Amp Direct IN | | - | 1,7 V / 20 kohm |
| Signal to Noise Ratio: Power Amp Direct IN | | - | 104 dB |
| **GENERAL** | | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | • / • / - / - | • / • / PM-15L / - |
| Metal Front Panel | | • | • |
| Power Consumption in W | | 300 | 220 |
| Detachable Power Cable | | • | • |
| Remote Control | | RC001PM | RC001PM |
| System Remote Function | | • | • |
| Maximum Dimensions (W x D x H) in mm | | 440 x 444 x 168 | 440 x 444 x 123 |
| Weight in kg | | 27.0 | 18.5 |

| PREMIUM SA-CD PLAYERS | GLOSSARY | SA-11S2 | SA-15S2 / SA-15S2 L |
|---|---|---|---|
| **FEATURES** | | | |
| CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC | 12 | • / • / • / - / - / - | • / • / • / • / • / - |
| CD-Text / SA-CD Text / ID3 Tag / WMA Meta Tag / AAC Meta data | | - / • / - / - / - | - / - / • / • / - |
| iPod / iPhone compatible USB input | 46 | - | - |
| DAC operation mode: USB / Coax / Optical | 17 | - / - / - | - / - / • |
| HDAM version | 4 | HDAM+HDAM SA2 | HDAM+HDAM SA2 |
| Power Transformer: Toroidal / EI | 3 | • / - | • / - |
| High Grade Audio Components | | • | • |
| Customised Components | 5 | • | • |
| Symmetric circuit layout | 6 | • | • |
| Copper plated chassis | 7 | • | - |
| Extra metal plate for chassis strengthing | | • | • |
| Digital out off / Audio EX Mode | 9 | • / - | • / - |
| Headphone: Standard / Buffer / Current feedback | | - / - / - | - / • (HDAM SA2)/ - |
| **OTHER** | | | |
| Relay muting | | • | • |
| Selectable filter: CD / SA-CD | 14 | • / • | • / • |
| Noise shaper (on / off) | | • | - |
| DC filter (on / off) | | • | - |
| Digital Phase Inverter | | • | - |
| External clock input | | • | - |
| Zero Impedance Matching joint (copper) | 8 | • | • |
| Separated rectifier circuit for analogue and digital circuitry | | • | • |
| System block shielding: Copper / metal / none | | - / - / • | - / - / • |
| Display: Dimmer / Off | | - / • | - / • |
| Low Noise LCD display | | • | • |
| 5mm Aluminum top cover | | • | - |
| **PLAYBACK** | | | |
| Program Play (CD) | | 30 | 24 |
| Auto Music Scan (AMS) | | • | • |
| Repeat | | • | • |
| Random Play | | • | • |
| Start Sound Mode for SA-CD | | • | • |
| Quick Replay | | • (5-60sec.) | - |
| **INPUTS/OUTPUTS** | | | |
| Analogue Out (Cinch) | | 2ch | 2ch |
| Balanced Out | | • | - |
| Digital Optical In / Out | | - / • | • / • |
| Digital Coaxial In / Out | | - / • | - / • |
| Sample Rate digital In | | - | 96 kHz / 24-bit |
| Gold plated Cinch | | • | • |
| D-Bus | 40 | - | • |
| Headphone Out | | - | • |
| Headphone Volume Control | | - | • |
| **SPECIFICATIONS** | | | |
| Mechanism | 13 | FGSA11S2 | XYRON |
| Decoder | | CXD1885Q | MT1389EE |
| D/A Conversion | | multi-level DAC | Multi-bit, Delta-Sigma |
| DAC IC | | SM5866AS | CS4398 |
| Digital Filter | | DSP (Marantz) | CS4398 |
| Noise Shaper | | DSP (Marantz) | CS4398 |
| Low Pass Filter stage | | HDAMx2 | HDAM |
| Output Buffer | | HDAM SA2 | HDAM SA2 |
| Headphone amp | | - | HDAM-SA2+Buffer |
| **SA-CD AUDIO** | | | |
| Frequency Response (Cust.) | | 2 Hz - 50 kHz | 2 Hz - 50 kHz |
| Dynamic Range (SA) | | 114 dB | 112 dB |
| Signal to Noise Ratio (SA) | | 114 dB | 110 dB |
| Total Harmonic Distortion (SA) | | 0,0009% | 0.001% |
| Channel Separation (SA) | | 100 dB | 98 dB |
| **CDDA AUDIO** | | | |
| Frequency Response | | 2 Hz - 20 kHz | 2 Hz - 20 kHz |
| Dynamic Range | | 100 dB | 100 dB |
| Signal to Noise Ratio | | 104 dB | 110 dB |
| Total Harmonic Distortion | | 0,0015% | 0,0015% |
| Channel Separation | | 100 dB | 98 dB |
| **GENERAL** | | | |
| Available colors: Gold / Silver / Black / Silver-Gold | | • / • / - / - | • / • / SA-15L / - |
| Metal Front Panel | | • | • |
| Remote Control | | RC001SA | RC003SA |
| Power Consumption in W | | 26 | 20 |
| Detachable Power Cable | | • | • |
| Maximum Dimensions (W x D x H) in mm | | 440 x 415 x 127 | 440 x 419 x 123 |
| Weight in kg | | 16.0 | 13.5 |



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Premium Series: 36 months.
All other models: 24 months.

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